Vedlegg 1

Prøveliste og analyseresultater. Kornstørrelsesfordeling (Coulter analyse), Leco (total S, total C og organisk C), HNO_3-ekstrahert og analysert med ICP-MS (As, Cd, Pb, Se, Sn), CV-AAS (Hg) og ICP-AES (30 elementer). Naturlige standarder Hynne og Nordkyn er inkludert i prøvelistene.

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INSTRUMENT: **Coulter LS 200**

METODE: **Metodeoppsettet er beskrevet i NGU-SD 5.11: Kornfordelingsanalyser: Coulter laser partikkelteller.**

Kornfordelingsbestemmelse basert på laserdiffraksjon. Laserlys brytes i ulike vinkler avhengig av størrelsen på partiklene, og registreres så av en rekke detektorer. De registrerte vinklene tilsvarer gitte partikkelstørrelser, og antall partikler er relatert til den intensiteten som den korresponderende detektoren registrerer. Kornfordelingen bestemmes således på volum-basis, med antagelse om ens tetthet på materialet vil kumulativ volum% være identisk med kumulativ masse%. Beregning på volum/masse-basis er basert på antagelse om sfæriske partikler.

MÅLEOMRÅDE : **0.4 µm - 2000 mm**

NB ! Metoden normaliserer alle data i måleområdet til sum 100 % (kumulativ %).
Måleområdet går kun ned til 0.4 µm og dette settes som nullpunkt mhp. kumulativ %.
Prøvene kan derfor inneholde materiale finere enn 0.4 µm.

ANALYSEUSIKKERHET: **± 10 % [kumulativ masse(volum) %]** *Usikkerheten er oppgitt med dekningsfaktor 2, tilsvarende et konfidensintervall på 95 %*

Bestemmelse av usikkerhet er basert på sammenligning av oppnådde resultater med sertifikatverdier for kvartsstandard BCR-131, samt presisjonsdata.
MERK! Metoden tar utgangspunkt i antagelse om sfæriske partikler. For prøver som avviker fra dette kan usikkerheten være større.

PRESISJON: **Det analyseres rutinemessig kontrollprøver som føres i kontrolldiagram (X-diagram). Disse kan forevises om ønskelig.**

FORBEHANDLING: **Ingen**

ANTALL PRØVER: **220** av 424 (DEL 1)

ANMERKNINGER: Data for fraksjoner >2000 µm er fremkommet ved gravimetriske bestemmelser.
Av praktiske grunner er delt analyserapporten i 2 deler, DEL 1 og DEL 2.

Gjengivelse av analysedata skal skje på en slik måte at meningsinnholdet i rapporten ikke endres.

Ferdig analysert	24-mar-14	Wieslawa Koziel
	Dato	OPERATØR

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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NGU prøvenr.			79401	79430		79431	79432	79433	79434	79435	79436	79437	79438	79439	79440
Prøve nr. → Diameter(µm) ↓	Standard Hynne	MINN standard	R1080BC010KA 0-1cm	R1093MC001KA 0-1cm	Standard Hynne	R1093MC001KA 1-2cm	R1093MC001KA 2-3cm	R1093MC001KA 3-4cm	R1093MC001KA 4-5cm	R1093MC001KA 5-6cm	R1093MC001KA 6-7cm	R1093MC001KA 7-8cm	R1093MC001KA 8-9cm	R1093MC001KA 9-10cm	R1093MC001KA 10-11cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0
0.452	0	0.043	0	0	0	0	0	0	0	0	0	0	0	0	0
0.496	0	0.084	0.00016	0	0	0	0	0	0	0	0	0	0	0	0
0.545	0	0.14	0.0022	0	0	0	0	0.000085	0.000038	0.000048	0	0	0	0	0.000001
0.598	0.00024	0.21	0.013	0.000079	0.00021	0.00024	0.00013	0.002	0.0013	0.0014	0.00044	0.00045	0.00038	0.00043	0.00051
0.657	0.0038	0.3	0.044	0.002	0.0034	0.004	0.0028	0.015	0.011	0.012	0.006	0.0061	0.0053	0.0058	0.0064
0.721	0.025	0.4	0.1	0.016	0.023	0.027	0.021	0.06	0.049	0.053	0.036	0.036	0.032	0.035	0.036
0.791	0.089	0.51	0.2	0.07	0.085	0.1	0.085	0.17	0.14	0.15	0.12	0.12	0.11	0.11	0.12
0.869	0.23	0.63	0.35	0.2	0.22	0.26	0.23	0.35	0.31	0.33	0.28	0.28	0.26	0.27	0.27
0.953	0.46	0.77	0.55	0.43	0.44	0.52	0.49	0.65	0.58	0.6	0.55	0.53	0.49	0.51	0.51
1.047	0.8	0.91	0.82	0.78	0.79	0.92	0.89	1.06	0.96	1	0.93	0.9	0.84	0.86	0.86
1.149	1.28	1.06	1.17	1.27	1.26	1.47	1.44	1.61	1.46	1.52	1.44	1.39	1.31	1.32	1.32
1.261	1.9	1.21	1.58	1.91	1.88	2.18	2.16	2.3	2.1	2.18	2.09	2.02	1.9	1.92	1.91
1.385	2.67	1.38	2.07	2.7	2.65	3.04	3.04	3.12	2.86	2.97	2.87	2.78	2.62	2.63	2.62
1.52	3.57	1.55	2.62	3.63	3.55	4.05	4.08	4.07	3.74	3.89	3.78	3.65	3.45	3.46	3.44
1.669	4.59	1.74	3.21	4.66	4.58	5.17	5.23	5.11	4.71	4.89	4.78	4.61	4.38	4.38	4.35
1.832	5.71	1.93	3.85	5.77	5.71	6.36	6.46	6.21	5.74	5.96	5.85	5.64	5.36	5.36	5.32
2.01	6.91	2.14	4.51	6.92	6.92	7.6	7.75	7.35	6.82	7.07	6.96	6.71	6.39	6.38	6.33
2.207	8.15	2.37	5.19	8.09	8.18	8.86	9.06	8.51	7.91	8.2	8.09	7.8	7.43	7.42	7.36
2.423	9.45	2.61	5.88	9.28	9.49	10.1	10.4	9.68	9.01	9.35	9.24	8.9	8.49	8.48	8.41
2.66	10.8	2.88	6.58	10.5	10.8	11.4	11.7	10.9	10.1	10.5	10.4	10	9.57	9.55	9.47
2.92	12.2	3.18	7.29	11.7	12.3	12.7	13.1	12.1	11.3	11.7	11.6	11.2	10.7	10.7	10.6
3.206	13.6	3.51	8.03	13	13.7	14.1	14.6	13.4	12.5	13	12.8	12.4	11.8	11.8	11.7
3.519	15.1	3.88	8.8	14.3	15.3	15.6	16.1	14.7	13.8	14.3	14.2	13.7	13.1	13	12.9
3.862	16.7	4.29	9.6	15.8	16.9	17.1	17.7	16.1	15.1	15.7	15.5	15	14.4	14.3	14.2
4.241	18.4	4.75	10.4	17.3	18.5	18.7	19.4	17.7	16.5	17.1	17	16.4	15.7	15.6	15.5
4.656	20.2	5.26	11.3	18.9	20.3	20.4	21.2	19.3	18	18.7	18.6	17.9	17.2	17	16.8
5.111	22	5.83	12.2	20.5	22.1	22.2	23.1	21	19.6	20.3	20.2	19.5	18.7	18.5	18.3
5.611	23.9	6.46	13.1	22.3	24	24.1	25.1	22.7	21.2	22	21.9	21.1	20.2	20	19.7
6.158	25.8	7.16	14	24	25.9	26	27	24.5	22.9	23.7	23.5	22.7	21.8	21.5	21.2
6.761	27.7	7.92	15	25.7	27.9	27.8	29	26.3	24.5	25.4	25.2	24.3	23.3	22.9	22.6
7.421	29.7	8.76	15.9	27.4	29.9	29.6	30.9	28	26.1	27	26.8	25.9	24.8	24.4	24
8.147	31.7	9.67	16.8	28.9	31.8	31.3	32.6	29.6	27.5	28.6	28.3	27.4	26.2	25.7	25.3
8.944	33.6	10.7	17.7	30.3	33.8	32.9	34.2	31.1	28.9	30	29.7	28.8	27.5	27	26.6
9.819	35.6	11.7	18.6	31.6	35.8	34.3	35.7	32.5	30.2	31.3	31	30	28.7	28.1	27.7
10.78	37.5	12.9	19.4	32.7	37.7	35.5	36.9	33.7	31.3	32.4	32.2	31.2	29.8	29.2	28.7
11.83	39.3	14.1	20.2	33.6	39.5	36.6	38	34.7	32.3	33.4	33.1	32.2	30.7	30.1	29.6
12.99	41.2	15.5	20.9	34.5	41.4	37.5	38.9	35.6	33.2	34.3	34	33.1	31.6	30.9	30.4
14.26	43	17	21.7	35.3	43.2	38.4	39.8	36.5	34.1	35.2	34.9	34	32.4	31.8	31.3
15.65	44.9	18.5	22.6	36.1	45.1	39.3	40.8	37.5	35	36.2	35.8	34.9	33.3	32.7	32.2
17.18	46.8	20.2	23.5	37	47.1	40.4	41.8	38.5	36.1	37.2	36.9	36	34.3	33.7	33.1
18.86	48.8	22.1	24.5	38.1	49.1	41.6	43	39.7	37.2	38.4	38	37.1	35.4	34.8	34.2
20.7	50.7	24.1	25.6	39.2	51	42.8	44.3	40.9	38.4	39.6	39.2	38.3	36.6	36	35.3
22.73	52.6	26.3	26.8	40.3	53	44.1	45.5	42.1	39.6	40.9	40.4	39.6	37.7	37.1	36.4
24.95	54.5	28.6	28.2	41.5	54.9	45.4	46.8	43.4	40.9	42.2	41.7	40.9	38.9	38.3	37.6
27.38	56.3	31.2	29.6	42.6	56.7	46.7	48.1	44.6	42.2	43.5	43	42.2	40.1	39.5	38.8
30.07	58.1	33.8	31.2	43.8	58.5	48.1	49.3	45.8	43.5	44.8	44.3	43.6	41.3	40.7	40
33	59.7	36.6	32.9	44.9	60.2	49.4	50.6	47.1	44.8	46.2	45.7	44.9	42.6	42	41.2
36.24	61.3	39.5	34.8	46.1	61.7	50.7	51.9	48.3	46.1	47.5	47	46.3	43.8	43.2	42.4
39.77	62.7	42.4	36.8	47.3	63.2	52.1	53.1	49.5	47.4	48.9	48.4	47.7	45	44.5	43.7
43.66	64	45.4	39	48.6	64.5	53.4	54.4	50.7	48.8	50.3	49.9	49.1	46.3	45.8	45
47.93	65.2	48.4	41.5	50	65.8	54.9	55.7	52	50.2	51.8	51.4	50.6	47.7	47.3	46.5
52.63	66.5	51.6	44.4	51.6	67.2	56.5	57.3	53.5	51.9	53.5	53.2	52.4	49.3	48.9	48.2
57.77	68	54.9	47.7	53.4	68.8	58.4	59	55.3	53.9	55.4	55.2	54.4	51.2	50.9	50.2
63.41	69.7	58.2	51.3	55.6	70.6	60.5	61.1	57.4	56.1	57.7	57.6	56.7	53.5	53.2	52.5
69.62	71.6	61.6	55.3	58.2	72.5	62.9	63.5	59.8	58.7	60.2	60.3	59.3	56	55.8	55.3
76.43	73.4	64.9	59.4	61	74.4	65.6	66.1	62.5	61.6	63	63.2	62.1	58.9	58.8	58.3
83.9	75	68.1	63.3	64	76.1	68.5	68.9	65.5	64.7	65.9	66.3	65.3	62.1	62.1	61.6
92.09	76.4	70.9	67	67.5	77.6	71.6	71.9	68.8	68.1	69.2	69.8	68.7	65.7	65.8	65.4
101.1	77.7	73.6	70.5	71.3	78.9	75.1	75.3	72.5	71.9	72.7	73.5	72.6	69.8	69.9	69.5
111	79	76.1	73.7	75.6	80.2	78.9	79.1	76.6	76.2	76.8	77.7	76.9	74.4	74.5	74.2

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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NGU prøvenr.			79401	79430		79431	79432	79433	79434	79435	79436	79437	79438	79439	79440
Prøve nr. → Diameter(µm) ↓	Standard Hynne	MINN standard	R1080BC010KA 0-1cm	R1093MC001KA 0-1cm	Standard Hynne	R1093MC001KA 1-2cm	R1093MC001KA 2-3cm	R1093MC001KA 3-4cm	R1093MC001KA 4-5cm	R1093MC001KA 5-6cm	R1093MC001KA 6-7cm	R1093MC001KA 7-8cm	R1093MC001KA 8-9cm	R1093MC001KA 9-10cm	R1093MC001KA 10-11cm
121.8	80.4	78.5	76.8	80.3	81.7	83.2	83.2	81.2	80.8	81.2	82.2	81.6	79.4	79.5	79.4
133.7	81.9	80.9	79.8	85.2	83.3	87.6	87.5	86	85.7	85.8	86.9	86.4	84.7	84.7	84.6
146.8	83.5	83.1	82.7	89.9	85.1	91.8	91.7	90.5	90.3	90.2	91.2	91	89.7	89.6	89.6
161.2	85.1	85.2	85.4	93.8	86.8	95.3	95.1	94.3	94.2	94	94.9	94.8	93.9	93.7	93.9
176.8	86.5	87.1	87.7	96.8	88.4	97.7	97.6	97.1	97.1	96.9	97.5	97.5	96.9	96.8	96.9
194.2	87.5	88.7	89.7	98.7	89.8	99.2	99.1	98.9	98.8	98.7	99.1	99.1	98.8	98.7	98.8
213.2	88.4	90.1	91.2	99.6	90.8	99.8	99.8	99.7	99.7	99.6	99.8	99.8	99.7	99.6	99.7
234.1	89	91.2	92.4	99.9	91.7	100	100	100	100	99.9	100	100	100	99.9	100
256.8	89.5	92.2	93.2	100	92.4	100	100	100	100	100	100	100	100	100	100
282.1	89.9	93	93.9	100	93.1	100	100	100	100	100	100	100	100	100	100
309.6	90.3	93.8	94.5	100	93.7	100	100	100	100	100	100	100	100	100	100
339.8	90.8	94.4	95	100	94.2	100	100	100	100	100	100	100	100	100	100
373.1	91.3	95	95.6	100	94.8	100	100	100	100	100	100	100	100	100	100
409.6	91.8	95.6	96.3	100	95.3	100	100	100	100	100	100	100	100	100	100
449.7	92.3	96.2	97	100	95.9	100	100	100	100	100	100	100	100	100	100
493.6	92.8	96.7	97.7	100	96.5	100	100	100	100	100	100	100	100	100	100
541.9	93.4	97.2	98.3	100	97.1	100	100	100	100	100	100	100	100	100	100
594.9	94.2	97.6	98.8	100	97.8	100	100	100	100	100	100	100	100	100	100
653	95.2	98	99.2	100	98.4	100	100	100	100	100	100	100	100	100	100
716.9	96.5	98.3	99.4	100	99	100	100	100	100	100	100	100	100	100	100
786.9	97.9	98.5	99.6	100	99.5	100	100	100	100	100	100	100	100	100	100
863.9	99.1	98.7	99.7	100	99.8	100	100	100	100	100	100	100	100	100	100
948.2	99.8	99	99.8	100	100	100	100	100	100	100	100	100	100	100	100
1041	100	99.3	99.9	100	100	100	100	100	100	100	100	100	100	100	100
1143	100	99.6	100	100	100	100	100	100	100	100	100	100	100	100	100
1255	100	99.8	100	100	100	100	100	100	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

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GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
NGU prøvenr.	79441	79442	79443	79444	79446	79448	79450	79452	79454	79456	79458	79460	79462	79464	79466
Prøve nr. → Diameter(µm) ↓	R1093MC001KA 11-12cm	R1093MC001KA 12-13cm	R1093MC001KA 13-14cm	R1093MC001KA 14-15cm	R1093MC001KA 16-17cm	R1093MC001KA 18-19cm	R1093MC001KA 20-21cm	R1093MC001KA 22-23cm	R1093MC001KA 24-25cm	R1093MC001KA 26-27cm	R1093MC001KA 28-29cm	R1093MC001KA 30-31cm	R1093MC001KA 32-33cm	R1093MC001KA 34-35cm	R1093MC001KA 36-37cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.452	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.496	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.545	0	0.000016	0	0	0.000072	0	0	0	0	0	0	0	0	0	0
0.598	0.00022	0.00098	0.00043	0.000065	0.0017	0.00041	0.00043	0.00038	0.0004	0.00031	0.00018	0.0001	0.00027	0.00021	0.00022
0.657	0.0036	0.0096	0.0059	0.0018	0.013	0.0055	0.0058	0.0052	0.0055	0.0048	0.0034	0.0026	0.0047	0.0038	0.004
0.721	0.024	0.047	0.036	0.015	0.054	0.033	0.034	0.032	0.033	0.031	0.024	0.021	0.032	0.027	0.029
0.791	0.085	0.14	0.12	0.066	0.15	0.11	0.11	0.11	0.11	0.11	0.095	0.09	0.12	0.1	0.11
0.869	0.22	0.32	0.28	0.19	0.32	0.25	0.26	0.25	0.26	0.27	0.25	0.25	0.31	0.27	0.29
0.953	0.44	0.59	0.54	0.41	0.59	0.48	0.5	0.49	0.5	0.55	0.53	0.55	0.63	0.55	0.6
1.047	0.77	0.99	0.91	0.76	0.98	0.81	0.84	0.83	0.84	0.95	0.96	1	1.11	0.99	1.08
1.149	1.23	1.52	1.42	1.24	1.49	1.26	1.31	1.3	1.31	1.51	1.55	1.64	1.79	1.6	1.75
1.261	1.82	2.19	2.06	1.88	2.13	1.82	1.89	1.89	1.91	2.23	2.32	2.48	2.66	2.39	2.62
1.385	2.55	3.01	2.85	2.67	2.91	2.51	2.6	2.61	2.63	3.12	3.28	3.52	3.74	3.37	3.69
1.52	3.39	3.94	3.75	3.59	3.8	3.3	3.42	3.45	3.47	4.15	4.4	4.75	5.01	4.52	4.96
1.669	4.34	4.98	4.76	4.63	4.79	4.17	4.33	4.37	4.4	5.3	5.66	6.13	6.43	5.81	6.38
1.832	5.37	6.1	5.83	5.76	5.84	5.1	5.3	5.37	5.39	6.54	7.02	7.64	7.97	7.22	7.92
2.01	6.44	7.26	6.95	6.94	6.93	6.07	6.3	6.41	6.43	7.84	8.45	9.22	9.59	8.7	9.55
2.207	7.54	8.45	8.1	8.15	8.04	7.06	7.33	7.47	7.49	9.17	9.91	10.9	11.2	10.2	11.2
2.423	8.67	9.65	9.26	9.39	9.16	8.05	8.36	8.54	8.56	10.5	11.4	12.5	12.9	11.8	12.9
2.66	9.81	10.9	10.4	10.6	10.3	9.05	9.41	9.63	9.64	11.9	12.9	14.2	14.7	13.4	14.7
2.92	11	12.1	11.6	11.9	11.5	10.1	10.5	10.7	10.7	13.2	14.4	15.9	16.4	15	16.4
3.206	12.2	13.4	12.9	13.3	12.7	11.1	11.6	11.9	11.8	14.6	16	17.7	18.2	16.7	18.2
3.519	13.5	14.8	14.2	14.6	13.9	12.2	12.7	13.1	13	16.1	17.6	19.5	20	18.4	20.1
3.862	14.8	16.2	15.5	16.1	15.2	13.3	13.9	14.4	14.2	17.6	19.3	21.4	22	20.2	22
4.241	16.2	17.7	16.9	17.6	16.6	14.5	15.2	15.7	15.4	19.1	21	23.4	23.9	22	24
4.656	17.7	19.2	18.4	19.1	18	15.7	16.5	17	16.7	20.7	22.7	25.4	25.9	23.9	26.1
5.111	19.2	20.8	19.9	20.7	19.5	17	17.9	18.4	17.9	22.3	24.6	27.4	28	25.8	28.2
5.611	20.7	22.4	21.4	22.3	21	18.3	19.3	19.9	19.3	23.9	26.4	29.5	30.1	27.8	30.3
6.158	22.3	24	22.9	23.9	22.5	19.6	20.7	21.3	20.6	25.6	28.2	31.6	32.2	29.7	32.4
6.761	23.7	25.6	24.4	25.4	23.9	20.9	22.1	22.7	21.9	27.2	30	33.6	34.3	31.7	34.5
7.421	25.2	27.1	25.8	26.9	25.3	22.1	23.4	24.1	23.1	28.8	31.8	35.6	36.3	33.6	36.6
8.147	26.5	28.5	27.1	28.2	26.5	23.3	24.7	25.4	24.3	30.3	33.5	37.6	38.2	35.4	38.6
8.944	27.8	29.8	28.3	29.5	27.7	24.4	26	26.6	25.5	31.8	35.2	39.4	40.1	37.2	40.5
9.819	28.9	31	29.4	30.6	28.8	25.4	27.1	27.8	26.6	33.2	36.7	41.2	41.9	38.8	42.4
10.78	29.9	32.1	30.4	31.6	29.8	26.3	28.1	28.8	27.6	34.5	38.2	42.8	43.5	40.4	44.1
11.83	30.8	33	31.3	32.4	30.6	27.2	29.1	29.8	28.6	35.8	39.6	44.4	45.1	41.9	45.8
12.99	31.7	33.9	32.2	33.3	31.5	28	30	30.7	29.6	37	41	45.9	46.6	43.4	47.4
14.26	32.6	34.9	33.1	34.1	32.3	28.8	31	31.6	30.6	38.2	42.3	47.4	48.1	44.8	49.1
15.65	33.5	35.9	34	35.1	33.2	29.7	32	32.6	31.7	39.6	43.8	48.9	49.7	46.3	50.7
17.18	34.5	37	35	36.1	34.2	30.7	33.1	33.6	32.8	41	45.3	50.5	51.4	47.9	52.5
18.86	35.6	38.2	36.1	37.2	35.3	31.7	34.3	34.7	34	42.5	46.8	52.2	53.1	49.5	54.4
20.7	36.8	39.5	37.3	38.4	36.4	32.8	35.6	35.9	35.3	44	48.4	53.9	54.8	51.1	56.2
22.73	37.9	40.8	38.5	39.7	37.5	33.9	36.9	37.1	36.5	45.5	49.9	55.5	56.5	52.7	58
24.95	39.1	42.1	39.6	40.9	38.7	35	38.2	38.2	37.8	47	51.3	57.1	58.1	54.2	59.7
27.38	40.2	43.5	40.8	42.1	39.8	36.2	39.5	39.4	39.2	48.5	52.7	58.6	59.7	55.7	61.4
30.07	41.4	44.8	42	43.4	41	37.4	40.9	40.7	40.5	50	54.1	60.1	61.2	57.2	63
33	42.6	46.2	43.3	44.7	42.3	38.6	42.4	41.9	41.9	51.5	55.5	61.5	62.7	58.6	64.6
36.24	43.8	47.7	44.5	46.1	43.5	39.9	43.8	43.2	43.3	53	56.8	62.8	64	59.9	66.1
39.77	45	49.1	45.7	47.4	44.8	41.2	45.2	44.5	44.7	54.4	58	64	65.3	61.1	67.4
43.66	46.3	50.5	47.1	48.9	46.2	42.7	46.7	45.8	46.2	55.8	59.1	65	66.4	62.3	68.7
47.93	47.7	52.1	48.5	50.5	47.7	44.2	48.2	47.2	47.7	57.3	60.2	66.1	67.5	63.4	69.9
52.63	49.4	53.9	50.2	52.3	49.5	45.9	49.9	48.8	49.4	58.8	61.4	67.2	68.7	64.7	71.1
57.77	51.3	56	52.1	54.3	51.5	47.9	51.9	50.8	51.4	60.6	62.7	68.5	70	66.1	72.6
63.41	53.6	58.3	54.4	56.7	53.9	50.2	54.2	53	53.6	62.6	64.2	70	71.6	67.8	74.3
69.62	56.3	61	57	59.3	56.5	52.8	56.7	55.6	56	64.8	66	71.7	73.3	69.7	76.1
76.43	59.2	63.9	59.9	62.1	59.5	55.7	59.5	58.4	58.7	67.1	67.9	73.5	75.2	71.7	78
83.9	62.5	67	63	65.2	62.7	58.9	62.7	61.7	61.6	69.7	69.9	75.3	77.1	73.9	79.8
92.09	66.2	70.3	66.6	68.6	66.3	62.7	66.2	65.3	64.9	72.4	72.1	77.3	79	76.2	81.6
101.1	70.3	74.1	70.5	72.4	70.4	67	70.2	69.4	68.6	75.4	74.6	79.4	81.2	78.6	83.4
111	75	78.2	75.1	76.6	75.1	72	74.8	74	72.8	78.7	77.4	81.9	83.5	81.3	85.4

NGU Norges geologiske undersøkelse
7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
NGU prøvenr.	79441	79442	79443	79444	79446	79448	79450	79452	79454	79456	79458	79460	79462	79464	79466
Prøve nr. → Diameter(µm) ↓	R1093MC001KA 11-12cm	R1093MC001KA 12-13cm	R1093MC001KA 13-14cm	R1093MC001KA 14-15cm	R1093MC001KA 16-17cm	R1093MC001KA 18-19cm	R1093MC001KA 20-21cm	R1093MC001KA 22-23cm	R1093MC001KA 24-25cm	R1093MC001KA 26-27cm	R1093MC001KA 28-29cm	R1093MC001KA 30-31cm	R1093MC001KA 32-33cm	R1093MC001KA 34-35cm	R1093MC001KA 36-37cm
121.8	80.1	82.8	80.1	81.2	80.1	77.4	79.8	79	77.4	82.3	80.6	84.6	86.2	84.3	87.5
133.7	85.3	87.4	85.3	86.1	85.3	83.1	85.1	84.2	82.3	86.1	84	87.6	89	87.5	89.8
146.8	90.2	91.8	90.2	90.6	90.2	88.4	90	89.2	86.9	89.8	87.3	90.5	91.8	90.6	92.1
161.2	94.3	95.4	94.3	94.5	94.2	92.9	94.1	93.4	90.9	93	90.2	93.1	94.2	93.3	94.1
176.8	97.2	97.9	97.2	97.3	97.2	96.2	97.1	96.5	94	95.5	92.4	95.2	96.1	95.5	95.7
194.2	98.9	99.3	99	99	98.9	98.4	98.9	98.5	96.1	97.2	94	96.6	97.3	97	96.8
213.2	99.7	99.8	99.7	99.7	99.7	99.5	99.7	99.6	97.3	98.2	94.9	97.4	97.9	97.9	97.4
234.1	100	100	100	100	100	99.9	100	99.9	97.9	98.7	95.4	97.9	98.3	98.3	97.6
256.8	100	100	100	100	100	100	100	100	98.2	98.9	95.8	98.2	98.4	98.5	97.8
282.1	100	100	100	100	100	100	100	100	98.4	99	96.1	98.4	98.5	98.6	97.9
309.6	100	100	100	100	100	100	100	100	98.6	99.2	96.4	98.6	98.7	98.8	98
339.8	100	100	100	100	100	100	100	100	98.8	99.3	96.8	98.7	98.8	98.9	98.1
373.1	100	100	100	100	100	100	100	100	99	99.5	97.2	99	98.9	99.1	98.3
409.6	100	100	100	100	100	100	100	100	99.2	99.6	97.6	99.2	99.1	99.4	98.5
449.7	100	100	100	100	100	100	100	100	99.5	99.8	97.9	99.4	99.3	99.6	98.6
493.6	100	100	100	100	100	100	100	100	99.7	99.9	98.1	99.6	99.5	99.8	98.8
541.9	100	100	100	100	100	100	100	100	99.8	100	98.4	99.8	99.7	99.9	99
594.9	100	100	100	100	100	100	100	100	99.9	100	98.6	99.9	99.8	100	99.2
653	100	100	100	100	100	100	100	100	100	100	98.9	100	99.9	100	99.4
716.9	100	100	100	100	100	100	100	100	100	100	99.2	100	100	100	99.6
786.9	100	100	100	100	100	100	100	100	100	100	99.5	100	100	100	99.8
863.9	100	100	100	100	100	100	100	100	100	100	99.8	100	100	100	99.9
948.2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1041	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1143	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1255	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**
NGU prøvenr.	79468	79470			79504	79557	79558	79559	79560	79561	79562	79563	79564	79565	79566
Prøve nr. → Diameter(µm) ↓	R1093MC001KA 38-39cm	R1093MC001KA 40-41cm	Standard Hynne	MINN standard	R1096MC002KA 0-1cm	R1114MC003kA 0-1cm	R1114MC003kA 1-2cm	R1114MC003kA 2-3cm	R1114MC003kA 3-4cm	R1114MC003kA 4-5cm	R1114MC003kA 5-6cm	R1114MC003kA 6-7cm	R1114MC003kA 7-8cm	R1114MC003kA 8-9cm	R1114MC003kA 9-10cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0	0.016	0.0048	0	0	0	0	0	0	0	0	0	0
0.452	0	0	0	0.045	0.013	0	0	0	0	0	0	0	0	0	0
0.496	0	0	0	0.088	0.026	0	0	0	0	0	0	0	0	0	0
0.545	0	0	0	0.15	0.046	0	0	0	0	0	0	0	0	0	0
0.598	0.00059	0.00017	0.00027	0.23	0.077	0	0.00026	0.00013	0.0003	0.00044	0.00015	0.00029	0.000008	0	0.00018
0.657	0.0079	0.0036	0.0042	0.32	0.12	0.00043	0.004	0.0027	0.0046	0.0061	0.0028	0.0043	0.00087	0.00013	0.003
0.721	0.047	0.027	0.027	0.42	0.18	0.0061	0.026	0.02	0.029	0.037	0.02	0.026	0.0096	0.0027	0.02
0.791	0.15	0.11	0.097	0.54	0.26	0.036	0.092	0.078	0.1	0.12	0.078	0.09	0.05	0.02	0.072
0.869	0.36	0.29	0.24	0.66	0.37	0.12	0.23	0.21	0.25	0.29	0.21	0.22	0.16	0.078	0.18
0.953	0.68	0.61	0.49	0.8	0.5	0.28	0.46	0.44	0.5	0.55	0.43	0.43	0.36	0.21	0.37
1.047	1.15	1.11	0.85	0.95	0.67	0.52	0.8	0.79	0.86	0.93	0.78	0.74	0.67	0.43	0.66
1.149	1.78	1.8	1.35	1.1	0.87	0.87	1.27	1.28	1.36	1.44	1.25	1.16	1.12	0.77	1.05
1.261	2.58	2.71	2	1.26	1.11	1.33	1.86	1.91	1.99	2.09	1.87	1.69	1.7	1.23	1.55
1.385	3.56	3.84	2.81	1.43	1.38	1.89	2.59	2.69	2.77	2.87	2.63	2.34	2.43	1.81	2.17
1.52	4.7	5.17	3.75	1.61	1.69	2.56	3.43	3.6	3.66	3.78	3.51	3.1	3.28	2.51	2.89
1.669	5.97	6.67	4.81	1.79	2.03	3.31	4.37	4.62	4.66	4.77	4.49	3.93	4.24	3.31	3.7
1.832	7.34	8.3	5.97	1.99	2.4	4.12	5.36	5.7	5.72	5.83	5.55	4.82	5.27	4.19	4.57
2.01	8.8	10	7.21	2.2	2.8	4.97	6.4	6.84	6.82	6.93	6.64	5.75	6.36	5.13	5.49
2.207	10.3	11.8	8.5	2.43	3.21	5.85	7.44	7.99	7.94	8.03	7.75	6.7	7.47	6.1	6.43
2.423	11.8	13.6	9.83	2.67	3.65	6.75	8.5	9.16	9.07	9.14	8.86	7.66	8.6	7.1	7.39
2.66	13.4	15.5	11.2	2.94	4.1	7.68	9.57	10.3	10.2	10.3	9.98	8.64	9.74	8.13	8.37
2.92	15	17.3	12.6	3.24	4.57	8.64	10.7	11.6	11.4	11.4	11.1	9.66	10.9	9.2	9.38
3.206	16.7	19.3	14.1	3.56	5.05	9.65	11.8	12.8	12.6	12.6	12.3	10.7	12.1	10.3	10.4
3.519	18.4	21.3	15.7	3.93	5.55	10.7	13	14.2	13.9	13.9	13.6	11.8	13.4	11.5	11.5
3.862	20.2	23.3	17.3	4.34	6.07	11.9	14.3	15.6	15.3	15.2	14.9	13	14.8	12.7	12.7
4.241	22	25.4	19.1	4.8	6.6	13.1	15.7	17.1	16.7	16.6	16.3	14.3	16.2	14	13.9
4.656	23.9	27.6	20.9	5.31	7.15	14.4	17.1	18.7	18.2	18.1	17.8	15.6	17.7	15.4	15.2
5.111	25.8	29.8	22.8	5.88	7.7	15.7	18.6	20.3	19.8	19.7	19.4	17	19.2	16.8	16.5
5.611	27.8	32	24.7	6.51	8.27	17.1	20.2	22	21.5	21.3	21	18.4	20.8	18.2	17.9
6.158	29.7	34.2	26.7	7.2	8.84	18.5	21.8	23.7	23.1	22.9	22.6	19.9	22.4	19.6	19.2
6.761	31.6	36.4	28.7	7.97	9.4	19.9	23.3	25.4	24.7	24.6	24.2	21.3	23.9	21	20.5
7.421	33.5	38.6	30.8	8.8	9.97	21.2	24.8	27	26.3	26.2	25.7	22.7	25.4	22.3	21.8
8.147	35.3	40.7	32.8	9.71	10.5	22.5	26.3	28.5	27.8	27.6	27.2	24	26.8	23.5	23
8.944	37.1	42.7	34.8	10.7	11.1	23.7	27.6	29.9	29.2	29	28.5	25.2	28.2	24.6	24.1
9.819	38.8	44.6	36.8	11.8	11.6	24.8	28.8	31.2	30.4	30.3	29.7	26.3	29.3	25.6	25.1
10.78	40.3	46.4	38.8	12.9	12.1	25.7	29.8	32.3	31.5	31.4	30.8	27.2	30.4	26.5	26
11.83	41.8	48.1	40.7	14.2	12.6	26.6	30.6	33.2	32.4	32.3	31.7	28.1	31.3	27.3	26.8
12.99	43.3	49.8	42.6	15.5	13.1	27.3	31.4	34	33.2	33.2	32.5	28.8	32.1	28	27.5
14.26	44.7	51.4	44.5	17	13.6	28	32.2	34.8	34	34	33.3	29.6	32.9	28.8	28.2
15.65	46.2	53.1	46.4	18.6	14.1	28.8	32.9	35.6	34.9	34.9	34.2	30.4	33.8	29.5	29
17.18	47.7	54.9	48.4	20.3	14.7	29.6	33.8	36.5	35.9	35.9	35.1	31.2	34.7	30.3	29.8
18.86	49.3	56.7	50.4	22.2	15.2	30.5	34.8	37.5	36.9	37	36.1	32.1	35.7	31.2	30.7
20.7	50.9	58.4	52.4	24.2	15.8	31.4	35.8	38.5	38	38.1	37.2	33.1	36.8	32.1	31.6
22.73	52.5	60.1	54.4	26.4	16.5	32.4	36.8	39.6	39.1	39.1	38.3	34.1	37.8	33.1	32.6
24.95	54	61.8	56.3	28.8	17.2	33.3	37.8	40.6	40.3	40.2	39.4	35.1	38.9	34	33.5
27.38	55.5	63.3	58.2	31.4	18	34.3	38.8	41.6	41.4	41.3	40.4	36.1	39.9	34.9	34.4
30.07	57	64.8	60	34.1	18.8	35.3	39.8	42.6	42.5	42.4	41.6	37.1	41	35.9	35.4
33	58.4	66.2	61.7	36.9	19.7	36.2	40.9	43.6	43.6	43.4	42.7	38.1	42.1	36.9	36.3
36.24	59.7	67.5	63.3	39.9	20.6	37.2	41.9	44.6	44.7	44.5	43.8	39.1	43.1	37.9	37.3
39.77	60.9	68.6	64.7	42.9	21.6	38.1	42.8	45.5	45.8	45.4	44.9	40.1	44.1	38.9	38.2
43.66	62	69.6	66	45.9	22.7	39.1	43.8	46.4	46.9	46.4	45.9	41	45	40	39.1
47.93	63.2	70.5	67.3	49	23.8	40.1	44.8	47.3	48	47.4	47	42.1	46	41.1	40
52.63	64.4	71.5	68.6	52.2	25.2	41.2	46	48.4	49.2	48.6	48.2	43.3	47.2	42.4	41.2
57.77	65.9	72.6	70.2	55.6	27	42.6	47.4	49.7	50.7	50	49.7	44.8	48.7	44	42.5
63.41	67.5	74	71.9	59	29.2	44.3	49.1	51.3	52.5	51.7	51.4	46.5	50.4	45.9	44.2
69.62	69.4	75.5	73.8	62.5	32.1	46.1	51	53.1	54.5	53.6	53.4	48.5	52.3	48	46
76.43	71.4	77.1	75.6	65.8	35.9	48	53	55	56.5	55.7	55.4	50.5	54.4	50.2	48
83.9	73.5	78.7	77.3	68.9	40.5	50	55	56.8	58.5	57.8	57.5	52.6	56.5	52.4	50
92.09	75.8	80.4	78.7	71.7	46	51.9	56.9	58.7	60.4	59.8	59.5	54.7	58.5	54.6	52.1
101.1	78.3	82.3	80	74.3	52.3	54	58.9	60.6	62.4	62	61.6	56.9	60.6	57	54.3
111	81.1	84.4	81.3	76.7	59.2	56.4	61.1	62.8	64.6	64.4	64	59.5	62.9	59.7	56.8

7491 TRONDHEIM
Tlf.: 73 90 40 00
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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**
NGU prøvenr.	79468	79470			79504	79557	79558	79559	79560	79561	79562	79563	79564	79565	79566
Prøve nr. → Diameter(µm) ↓	R1093MC001KA 38-39cm	R1093MC001KA 40-41cm	Standard Hynne	MINN standard	R1096MC002KA 0-1cm	R1114MC003kA 0-1cm	R1114MC003kA 1-2cm	R1114MC003kA 2-3cm	R1114MC003kA 3-4cm	R1114MC003kA 4-5cm	R1114MC003kA 5-6cm	R1114MC003kA 6-7cm	R1114MC003kA 7-8cm	R1114MC003kA 8-9cm	R1114MC003kA 9-10cm
121.8	84.1	86.8	82.6	79	66.3	59.3	63.9	65.5	67.3	67.3	66.8	62.6	65.8	62.8	59.9
133.7	87.3	89.3	84.1	81.2	73.2	63	67.3	68.8	70.6	70.9	70.2	66.5	69.3	66.7	63.8
146.8	90.4	91.9	85.7	83.4	79.5	67.6	71.6	72.7	74.6	75.1	74.3	71.1	73.6	71.2	68.6
161.2	92.9	94.1	87.1	85.4	84.9	72.8	76.4	77.2	79.2	80	78.9	76.4	78.4	76.3	74
176.8	94.9	95.8	88.4	87.2	89.3	78.3	81.5	81.8	84	85	83.7	82	83.3	81.5	79.6
194.2	96.2	97	89.5	88.8	92.5	83.7	86.3	86.3	88.5	89.7	88.2	87.3	88	86.4	85
213.2	97.1	97.8	90.2	90.1	94.8	88.3	90.5	90.2	92.4	93.8	92	92	91.9	90.6	89.7
234.1	97.7	98.1	90.8	91.1	96.3	91.9	93.7	93.3	95.2	96.8	94.9	95.5	94.8	93.8	93.3
256.8	98.1	98.3	91.2	92	97.2	94.4	95.7	95.4	97	98.7	96.8	98	96.7	96	95.7
282.1	98.4	98.4	91.7	92.8	97.7	95.8	96.9	96.7	97.9	99.6	97.9	99.3	97.7	97.2	97.2
309.6	98.7	98.5	92.1	93.5	97.9	96.6	97.3	97.3	98.3	99.9	98.4	99.8	98.2	97.8	97.9
339.8	98.9	98.6	92.6	94.2	98.1	97	97.5	97.6	98.5	100	98.6	100	98.5	98.1	98.2
373.1	99	98.7	93.2	94.8	98.3	97.3	97.7	97.7	98.7	100	98.8	100	98.8	98.4	98.4
409.6	99.1	98.9	93.8	95.4	98.5	97.5	97.9	97.9	98.9	100	99	100	99	98.6	98.7
449.7	99.2	99.1	94.3	96	98.9	97.8	98.2	98.1	99.1	100	99.3	100	99.3	98.9	99
493.6	99.4	99.4	94.9	96.6	99.3	98.1	98.5	98.4	99.5	100	99.6	100	99.6	99.2	99.3
541.9	99.6	99.6	95.4	97.1	99.6	98.5	98.9	98.7	99.7	100	99.8	100	99.8	99.6	99.6
594.9	99.8	99.8	95.9	97.5	99.9	98.8	99.1	99	99.9	100	99.9	100	100	99.8	99.9
653	99.9	100	96.6	97.9	100	99	99.2	99.2	100	100	100	100	100	100	100
716.9	100	100	97.5	98.2	100	99.2	99.3	99.3	100	100	100	100	100	100	100
786.9	100	100	98.5	98.5	100	99.4	99.4	99.4	100	100	100	100	100	100	100
863.9	100	100	99.4	98.7	100	99.5	99.5	99.5	100	100	100	100	100	100	100
948.2	100	100	99.9	99	100	99.6	99.7	99.7	100	100	100	100	100	100	100
1041	100	100	100	99.3	100	99.7	99.9	99.8	100	100	100	100	100	100	100
1143	100	100	100	99.6	100	99.9	100	99.9	100	100	100	100	100	100	100
1255	100	100	100	99.8	100	100	100	100	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse
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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
NGU prøvenr.	79567	79568	79569	79570	79571	79573	79575	79577	79579	79612	79700	79778	79917		
Prøve nr. → Diameter(µm) ↓	R1114MC003kA 10-11cm	R1114MC003kA 11-12cm	R1114MC003kA 12-13cm	R1114MC003kA 13-14cm	R1114MC003kA14-15cm	R1114MC003kA16-17cm	R1114MC003kA 18-19cm	R1114MC003kA 20-21cm	R1114MC003kA22-23cm	R1119MC004KA 0-1cm	R1129MC005KA 0-1cm	R1133MC006KA 0-1cm	R0932BX029K1 0-1cm	Standard Hynne	MINN standard
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0	0	0	0	0	0	0	0.004	0.00047	0	0	0	0.015
0.452	0	0	0	0	0	0	0	0	0	0.011	0.00096	0	0	0	0.043
0.496	0	0	0	0	0	0	0	0	0	0.022	0.0025	0	0	0	0.084
0.545	0.000031	0	0.000063	0.000048	0.00011	0.000011	0	0.00021	0.000079	0.039	0.0078	0	0	0	0.14
0.598	0.0011	0.00036	0.0015	0.0013	0.002	0.00076	0.00038	0.0031	0.002	0.067	0.023	0.00056	0.00063	0.0003	0.22
0.657	0.0091	0.005	0.012	0.011	0.014	0.0075	0.0051	0.019	0.016	0.11	0.055	0.0076	0.0089	0.0044	0.3
0.721	0.041	0.03	0.048	0.046	0.051	0.037	0.031	0.064	0.066	0.16	0.11	0.045	0.054	0.028	0.4
0.791	0.12	0.1	0.13	0.13	0.13	0.11	0.1	0.15	0.18	0.24	0.19	0.15	0.18	0.098	0.52
0.869	0.26	0.24	0.28	0.28	0.27	0.26	0.24	0.3	0.4	0.34	0.32	0.34	0.43	0.24	0.64
0.953	0.48	0.46	0.52	0.52	0.49	0.48	0.46	0.52	0.73	0.47	0.48	0.66	0.84	0.48	0.77
1.047	0.8	0.78	0.85	0.85	0.79	0.8	0.78	0.82	1.2	0.63	0.69	1.1	1.44	0.83	0.91
1.149	1.22	1.21	1.3	1.3	1.18	1.23	1.21	1.21	1.82	0.82	0.96	1.71	2.24	1.32	1.06
1.261	1.75	1.77	1.86	1.87	1.68	1.78	1.76	1.7	2.61	1.05	1.28	2.47	3.27	1.94	1.22
1.385	2.4	2.43	2.53	2.55	2.28	2.44	2.42	2.28	3.55	1.31	1.65	3.4	4.53	2.71	1.39
1.52	3.14	3.2	3.3	3.34	2.96	3.19	3.19	2.94	4.64	1.6	2.06	4.46	5.99	3.62	1.56
1.669	3.95	4.05	4.16	4.2	3.72	4.03	4.03	3.67	5.83	1.92	2.52	5.63	7.61	4.65	1.75
1.832	4.83	4.96	5.06	5.12	4.53	4.93	4.94	4.44	7.1	2.26	3	6.88	9.34	5.77	1.94
2.01	5.74	5.9	6	6.07	5.37	5.86	5.88	5.25	8.41	2.62	3.5	8.18	11.2	6.96	2.15
2.207	6.66	6.87	6.96	7.03	6.23	6.8	6.84	6.07	9.73	3	4.01	9.49	13	8.21	2.38
2.423	7.6	7.84	7.92	8	7.1	7.75	7.8	6.89	11.1	3.39	4.54	10.8	14.9	9.51	2.62
2.66	8.56	8.83	8.89	8.98	7.99	8.71	8.76	7.72	12.4	3.79	5.06	12.1	16.8	10.8	2.88
2.92	9.53	9.84	9.89	9.97	8.9	9.68	9.74	8.57	13.7	4.21	5.6	13.5	18.7	12.2	3.18
3.206	10.6	10.9	10.9	11	9.83	10.7	10.7	9.43	15.1	4.65	6.16	14.9	20.8	13.7	3.5
3.519	11.6	12	12	12.1	10.8	11.7	11.8	10.3	16.5	5.11	6.72	16.4	22.9	15.2	3.86
3.862	12.7	13.2	13.1	13.2	11.8	12.8	12.8	11.2	17.9	5.58	7.31	18	25.1	16.9	4.27
4.241	13.9	14.4	14.3	14.4	12.9	13.9	13.9	12.2	19.4	6.08	7.91	19.6	27.5	18.5	4.72
4.656	15.1	15.7	15.5	15.6	14	15.1	15.1	13.1	21	6.59	8.52	21.3	29.9	20.3	5.22
5.111	16.4	17	16.7	16.9	15.2	16.3	16.2	14.1	22.5	7.13	9.16	23.1	32.4	22.2	5.77
5.611	17.7	18.3	18	18.2	16.3	17.5	17.4	15.1	24.1	7.68	9.8	24.9	35	24.1	6.39
6.158	19	19.7	19.3	19.5	17.5	18.8	18.6	16.1	25.7	8.25	10.5	26.8	37.6	26	7.07
6.761	20.3	21	20.5	20.7	18.7	20	19.7	17.1	27.2	8.83	11.1	28.6	40.1	28	7.82
7.421	21.5	22.2	21.7	22	19.8	21.1	20.8	18.1	28.6	9.42	11.7	30.3	42.5	30.1	8.64
8.147	22.7	23.4	22.9	23.2	20.9	22.2	21.9	19	30	10	12.4	32	44.8	32.1	9.53
8.944	23.7	24.5	24	24.3	21.9	23.3	22.9	19.9	31.3	10.6	13	33.5	46.8	34.1	10.5
9.819	24.7	25.5	24.9	25.3	22.9	24.2	23.8	20.7	32.6	11.2	13.6	34.9	48.7	36.1	11.6
10.78	25.6	26.4	25.9	26.2	23.7	25.1	24.7	21.5	33.7	11.8	14.1	36.1	50.3	38	12.7
11.83	26.4	27.2	26.7	27	24.5	25.9	25.5	22.2	34.7	12.4	14.7	37.2	51.6	39.9	13.9
12.99	27.1	27.9	27.5	27.8	25.3	26.7	26.2	23	35.7	13	15.2	38.2	52.8	41.8	15.3
14.26	27.9	28.7	28.3	28.7	26	27.5	27	23.7	36.7	13.7	15.8	39.1	53.9	43.7	16.7
15.65	28.7	29.5	29.2	29.5	26.8	28.3	27.9	24.5	37.8	14.4	16.4	40.2	55.1	45.6	18.3
17.18	29.6	30.4	30.1	30.5	27.7	29.2	28.8	25.4	38.9	15.1	17.1	41.4	56.4	47.6	20
18.86	30.5	31.4	31.1	31.5	28.6	30.2	29.8	26.2	40.1	16	17.8	42.6	57.8	49.6	21.8
20.7	31.5	32.3	32.1	32.5	29.6	31.2	30.8	27.1	41.2	16.9	18.7	44	59.3	51.6	23.8
22.73	32.5	33.3	33.2	33.5	30.6	32.1	31.8	28.1	42.4	17.9	19.6	45.3	60.7	53.6	26
24.95	33.6	34.3	34.2	34.5	31.7	33.1	32.8	29	43.5	19	20.7	46.7	62.1	55.5	28.3
27.38	34.6	35.3	35.3	35.6	32.7	34.1	33.8	29.9	44.6	20.3	21.9	48.2	63.4	57.4	30.8
30.07	35.7	36.4	36.4	36.6	33.8	35	34.9	30.8	45.7	21.7	23.2	49.8	64.8	59.2	33.5
33	36.8	37.4	37.5	37.7	34.9	36	35.9	31.7	46.7	23.3	24.7	51.4	66	60.9	36.3
36.24	37.9	38.5	38.6	38.7	36	36.9	37	32.6	47.7	24.9	26.4	53.1	67.3	62.5	39.2
39.77	38.9	39.5	39.7	39.7	37.1	37.8	37.9	33.5	48.7	26.7	28.1	54.8	68.4	64	42.1
43.66	40	40.5	40.8	40.6	38.3	38.7	38.9	34.4	49.5	28.6	30.1	56.6	69.5	65.3	45.1
47.93	41.1	41.7	42	41.7	39.4	39.7	39.9	35.3	50.4	30.8	32.3	58.5	70.5	66.7	48.2
52.63	42.4	42.9	43.3	42.8	40.8	40.7	41	36.3	51.4	33.3	34.8	60.7	71.7	68.1	51.4
57.77	43.9	44.4	44.8	44.2	42.3	42	42.3	37.4	52.6	36.3	37.7	63.4	73.1	69.7	54.7
63.41	45.6	46.2	46.6	45.8	44.1	43.5	43.9	38.8	54	40	41	66.6	74.7	71.5	58.1
69.62	47.6	48.1	48.5	47.7	46.1	45.2	45.6	40.3	55.5	44.3	44.8	70.4	76.5	73.4	61.5
76.43	49.6	50.1	50.6	49.6	48.2	47.1	47.4	42	57.1	49.2	48.9	74.5	78.5	75.3	64.8
83.9	51.7	52.2	52.7	51.6	50.4	48.9	49.2	43.7	58.7	54.7	53.2	78.7	80.5	77.1	67.9
92.09	53.7	54.2	54.9	53.7	52.5	50.9	51.2	45.5	60.3	60.5	57.8	82.7	82.4	78.6	70.8
101.1	55.8	56.5	57.2	55.9	54.9	53	53.4	47.5	62.1	66.4	62.3	86.5	84.4	80	73.4
111	58.3	59	59.9	58.4	57.7	55.5	56	49.9	64.1	72.2	66.9	89.8	86.4	81.3	75.9

NGU Norges geologiske undersøkelse
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GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**46**	**47**	**48**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**57**	**58**	**59**	**60**
NGU prøvenr.	79567	79568	79569	79570	79571	79573	79575	79577	79579	79612	79700	79778	79917		
Prøve nr. → Diameter(µm) ↓	R1114MC003kA 10-11cm	R1114MC003kA 11-12cm	R1114MC003kA 12-13cm	R1114MC003kA 13-14cm	R1114MC003kA14-15cm	R1114MC003kA16-17cm	R1114MC003kA 18-19cm	R1114MC003kA 20-21cm	R1114MC003kA22-23cm	R1119MC004KA 0-1cm	R1129MC005KA 0-1cm	R1133MC006KA 0-1cm	R0932BX029K1 0-1cm	Standard Hynne	MINN standard
121.8	61.4	62.1	63.2	61.5	61	58.7	59.2	53.1	66.7	77.8	71.3	92.6	88.5	82.7	78.2
133.7	65.2	65.8	67.3	65.3	65.2	62.6	63.1	57.1	69.9	82.9	75.5	95	90.6	84.3	80.5
146.8	69.9	70.3	72.1	69.8	70.1	67.3	67.8	61.9	73.6	87.3	79.4	96.9	92.7	85.9	82.8
161.2	75.2	75.3	77.5	75	75.6	72.5	73.1	67.4	77.8	91	82.8	98.3	94.6	87.5	84.8
176.8	80.8	80.5	83.1	80.3	81.2	78	78.5	73.2	82	93.8	85.8	99.2	96.1	88.9	86.7
194.2	86.1	85.5	88.3	85.4	86.5	83.2	83.7	78.8	85.9	95.8	88.1	99.7	97.2	90.1	88.3
213.2	90.6	89.8	92.7	89.8	91	87.7	88.1	83.7	89.3	97.2	90	99.9	97.9	91.1	89.6
234.1	94.1	93.2	96	93.3	94.4	91.1	91.5	87.7	91.9	97.9	91.4	100	98.3	91.8	90.7
256.8	96.3	95.5	98.2	95.7	96.6	93.4	93.9	90.7	93.8	98.3	92.5	100	98.5	92.5	91.6
282.1	97.5	96.9	99.4	97.2	97.7	94.9	95.3	92.6	95.1	98.4	93.3	100	98.6	93.1	92.3
309.6	98.1	97.6	99.8	98	98.2	95.7	96.2	93.9	95.9	98.5	93.9	100	98.7	93.8	93
339.8	98.2	97.8	100	98.3	98.4	96.2	96.7	94.8	96.4	98.6	94.4	100	98.8	94.4	93.7
373.1	98.4	98	100	98.5	98.5	96.6	97.1	95.6	96.9	98.7	95	100	98.9	95.1	94.3
409.6	98.5	98.1	100	98.7	98.7	97.1	97.5	96.3	97.2	98.8	95.6	100	99.1	95.8	94.9
449.7	98.8	98.3	100	99	98.9	97.6	98	97	97.6	99	96.3	100	99.3	96.5	95.6
493.6	99.2	98.6	100	99.3	99.3	98.1	98.6	97.7	98.1	99.1	96.9	100	99.5	97.1	96.2
541.9	99.6	98.9	100	99.6	99.6	98.6	99	98.3	98.5	99.3	97.6	100	99.7	97.7	96.7
594.9	99.8	99.1	100	99.8	99.8	99	99.4	98.7	98.8	99.4	98	100	99.9	98.2	97.2
653	100	99.3	100	99.9	100	99.2	99.6	99	99.1	99.5	98.4	100	100	98.7	97.6
716.9	100	99.5	100	100	100	99.3	99.7	99.2	99.3	99.5	98.5	100	100	99.2	97.9
786.9	100	99.6	100	100	100	99.3	99.8	99.4	99.5	99.6	98.7	100	100	99.5	98.1
863.9	100	99.7	100	100	100	99.4	99.8	99.5	99.7	99.6	98.8	100	100	99.8	98.4
948.2	100	99.8	100	100	100	99.5	99.9	99.7	99.8	99.6	99	100	100	100	98.7
1041	100	99.9	100	100	100	99.6	99.9	99.9	99.9	99.7	99.3	100	100	100	99
1143	100	100	100	100	100	99.8	100	100	100	99.8	99.6	100	100	100	99.4
1255	100	100	100	100	100	99.9	100	100	100	99.9	99.9	100	100	100	99.7
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.9
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse
7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
NGU prøvenr.	79882	79883	79884	79885	79886	79887	79888	79889	79890	79891	79892	79893	79894	79895	79896
Prøve nr. → Diameter(µm) ↓	R0942BX026K1 0-1cm	R0942BX026K1 1-2cm	R0942BX026K1 2-3cm	R0942BX026K1 3-4cm	R0942BX026K1 4-5cm	R0942BX026K1 5-6cm	R0942BX026K1 6-7cm	R0942BX026K1 7-8cm	R0942BX026K1 8-9cm	R0942BX026K1 9-10cm	R0942BX026K1 10-11cm	R0942BX026K1 11-12cm	R0942BX026K1 12-13cm	R0942BX026K1 13-14cm	R0942BX026K1 14-15cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.452	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.496	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.545	0.00013	0.000076	0	0	0	0	0	0	0	0	0	0.000018	0	0	0
0.598	0.003	0.0023	0	0.00066	0.00043	0.00067	0.00028	0	0.0005	0	0.0007	0.0014	0	0.00077	0.00076
0.657	0.022	0.019	0.00055	0.0091	0.0067	0.0093	0.0051	0.000026	0.0075	0.00079	0.0097	0.015	0	0.01	0.01
0.721	0.09	0.084	0.0087	0.055	0.044	0.056	0.036	0.0021	0.047	0.011	0.059	0.074	0.0013	0.061	0.061
0.791	0.25	0.24	0.055	0.18	0.15	0.18	0.13	0.021	0.16	0.069	0.19	0.22	0.017	0.2	0.2
0.869	0.53	0.52	0.19	0.43	0.38	0.44	0.35	0.1	0.4	0.23	0.46	0.5	0.1	0.46	0.46
0.953	0.96	0.96	0.48	0.83	0.77	0.84	0.73	0.31	0.79	0.54	0.89	0.95	0.32	0.88	0.87
1.047	1.56	1.59	0.94	1.41	1.34	1.42	1.29	0.69	1.37	1.04	1.51	1.58	0.74	1.48	1.46
1.149	2.37	2.43	1.62	2.19	2.12	2.2	2.08	1.27	2.16	1.75	2.35	2.42	1.39	2.28	2.26
1.261	3.39	3.49	2.52	3.18	3.13	3.2	3.1	2.07	3.17	2.7	3.42	3.49	2.29	3.3	3.28
1.385	4.62	4.77	3.66	4.38	4.35	4.41	4.35	3.11	4.42	3.88	4.73	4.79	3.45	4.54	4.5
1.52	6.02	6.24	5.02	5.77	5.78	5.8	5.82	4.37	5.87	5.29	6.24	6.28	4.86	5.96	5.92
1.669	7.58	7.86	6.56	7.31	7.37	7.35	7.47	5.82	7.49	6.89	7.91	7.93	6.5	7.55	7.5
1.832	9.23	9.59	8.24	8.97	9.09	9.01	9.25	7.45	9.26	8.64	9.72	9.7	8.32	9.25	9.19
2.01	11	11.4	10	10.7	10.9	10.7	11.1	9.21	11.1	10.5	11.6	11.5	10.3	11	11
2.207	12.7	13.2	11.9	12.5	12.7	12.5	13.1	11.1	13.1	12.5	13.6	13.5	12.4	12.9	12.8
2.423	14.5	15.1	13.8	14.3	14.6	14.4	15.1	13	15.1	14.5	15.6	15.4	14.5	14.8	14.7
2.66	16.4	17	15.8	16.2	16.6	16.3	17.2	15.1	17.2	16.6	17.7	17.4	16.8	16.7	16.6
2.92	18.3	19	17.8	18.2	18.7	18.2	19.3	17.3	19.4	18.9	19.8	19.5	19.1	18.7	18.6
3.206	20.3	21.2	20	20.3	20.9	20.3	21.6	19.7	21.8	21.3	22.1	21.7	21.6	20.8	20.7
3.519	22.5	23.4	22.4	22.5	23.2	22.6	24.1	22.2	24.3	23.8	24.5	24	24.3	23	22.9
3.862	24.8	25.8	24.8	24.9	25.7	25	26.7	24.9	27	26.5	27.1	26.5	27.1	25.4	25.3
4.241	27.2	28.4	27.5	27.5	28.4	27.5	29.5	27.8	29.8	29.4	29.9	29.1	30.1	27.9	27.8
4.656	29.8	31.2	30.2	30.3	31.3	30.3	32.5	30.9	32.8	32.5	32.8	31.9	33.2	30.5	30.4
5.111	32.6	34.1	33.1	33.2	34.3	33.1	35.6	34.1	36	35.7	35.8	34.9	36.4	33.3	33.2
5.611	35.4	37	36.1	36.2	37.4	36.1	38.8	37.5	39.2	39	39	38	39.6	36.1	36
6.158	38.3	40.1	39.1	39.2	40.6	39.2	42.1	40.9	42.5	42.3	42.2	41.1	42.9	39	38.9
6.761	41.1	43.1	42.1	42.3	43.8	42.2	45.4	44.2	45.7	45.5	45.4	44.2	46.1	41.9	41.8
7.421	43.9	46	45	45.2	46.9	45.2	48.6	47.5	48.8	48.7	48.5	47.2	49.3	44.7	44.7
8.147	46.5	48.7	47.7	48	49.9	48	51.6	50.6	51.8	51.7	51.5	50	52.2	47.4	47.3
8.944	49	51.2	50.2	50.6	52.6	50.6	54.4	53.5	54.5	54.5	54.2	52.7	54.9	49.9	49.9
9.819	51.1	53.4	52.4	53	55	52.9	56.9	56.1	57	57	56.7	55.2	57.3	52.2	52.2
10.78	53	55.3	54.3	55	57.1	55	59.1	58.4	59.1	59.2	58.9	57.3	59.4	54.2	54.2
11.83	54.6	56.9	55.8	56.7	58.9	56.7	61	60.4	61	61	60.7	59.1	61.2	56	56
12.99	56	58.2	57.2	58.1	60.4	58.2	62.6	62.1	62.6	62.6	62.4	60.8	62.7	57.6	57.6
14.26	57.3	59.5	58.4	59.5	61.8	59.6	64.1	63.6	64	64.1	63.9	62.3	64.2	59.1	59.1
15.65	58.7	60.9	59.7	60.9	63.2	61	65.6	65.2	65.6	65.7	65.5	63.9	65.6	60.7	60.7
17.18	60.2	62.4	61.2	62.4	64.8	62.5	67.2	66.9	67.2	67.3	67.2	65.7	67.2	62.3	62.4
18.86	61.8	64	62.7	64.1	66.6	64.2	69	68.7	69	69.1	69	67.6	68.9	64.1	64.3
20.7	63.5	65.8	64.4	65.9	68.5	66	71	70.6	70.9	71	71	69.7	70.7	66	66.2
22.73	65.2	67.5	66.1	67.8	70.4	67.9	72.9	72.5	72.8	73	73	71.7	72.5	68	68.1
24.95	66.9	69.2	67.7	69.6	72.3	69.7	74.8	74.3	74.6	74.8	74.9	73.7	74.3	69.8	70
27.38	68.6	70.8	69.2	71.3	74.1	71.4	76.6	76.1	76.3	76.6	76.8	75.6	76	71.6	71.8
30.07	70.1	72.3	70.7	72.9	75.8	73	78.4	77.7	78	78.3	78.5	77.4	77.5	73.3	73.6
33	71.6	73.6	72	74.5	77.4	74.6	79.9	79.3	79.4	79.8	80.1	79	79	74.8	75.2
36.24	73	74.9	73.3	75.8	78.9	75.9	81.3	80.7	80.8	81.2	81.5	80.5	80.3	76.3	76.6
39.77	74.1	76	74.5	77.1	80.2	77.2	82.5	82	82	82.5	82.8	81.8	81.5	77.5	77.9
43.66	75.2	77	75.5	78.2	81.3	78.3	83.6	83.2	83	83.6	83.8	82.9	82.5	78.6	79
47.93	76.2	78	76.5	79.3	82.4	79.4	84.6	84.3	84	84.6	84.8	84	83.6	79.7	80.1
52.63	77.3	79.1	77.6	80.4	83.6	80.5	85.6	85.5	85.1	85.6	85.8	85.1	84.6	80.8	81.2
57.77	78.6	80.3	78.9	81.8	84.8	81.9	86.8	86.9	86.3	86.8	87	86.3	85.8	82	82.5
63.41	80.1	81.8	80.4	83.3	86.3	83.4	88.1	88.4	87.6	88.1	88.3	87.6	87.1	83.4	83.9
69.62	81.8	83.4	82.1	85	87.9	85.1	89.5	90	89	89.5	89.6	89	88.5	85	85.5
76.43	83.6	85.1	83.9	86.8	89.4	86.8	90.9	91.6	90.3	90.8	90.9	90.4	89.8	86.5	87
83.9	85.4	86.8	85.5	88.5	90.8	88.3	92.1	92.9	91.5	91.9	91.9	91.5	90.9	87.9	88.4
92.09	87.1	88.3	87.1	90	92	89.7	93.1	94	92.4	92.7	92.8	92.5	91.8	89.1	89.6
101.1	88.7	89.7	88.5	91.4	93	90.9	94	94.8	93.1	93.4	93.5	93.3	92.6	90.2	90.7
111	90.2	91.2	89.8	92.6	93.9	92.1	94.8	95.5	93.8	94.1	94.1	94	93.2	91.2	91.8

NGU Norges geologiske undersøkelse
7491 TRONDHEIM
Tlf.: 73 90 40 00
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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**61**	**62**	**63**	**64**	**65**	**66**	**67**	**68**	**69**	**70**	**71**	**72**	**73**	**74**	**75**
NGU prøvenr.	79882	79883	79884	79885	79886	79887	79888	79889	79890	79891	79892	79893	79894	79895	79896
Prøve nr. → Diameter(µm) ↓	R0942BX026K1 0-1cm	R0942BX026K1 1-2cm	R0942BX026K1 2-3cm	R0942BX026K1 3-4cm	R0942BX026K1 4-5cm	R0942BX026K1 5-6cm	R0942BX026K1 6-7cm	R0942BX026K1 7-8cm	R0942BX026K1 8-9cm	R0942BX026K1 9-10cm	R0942BX026K1 10-11cm	R0942BX026K1 11-12cm	R0942BX026K1 12-13cm	R0942BX026K1 13-14cm	R0942BX026K1 14-15cm
121.8	91.8	92.6	91.2	93.9	94.9	93.3	95.7	96.3	94.5	94.8	94.8	94.8	94	92.3	92.9
133.7	93.4	94.1	92.7	95.2	95.9	94.6	96.7	97.1	95.3	95.6	95.6	95.7	94.9	93.5	94.1
146.8	94.9	95.5	94.1	96.4	96.9	95.8	97.6	98	96.2	96.5	96.5	96.7	95.9	94.8	95.3
161.2	96.3	96.8	95.4	97.6	97.9	97	98.5	98.8	97.1	97.4	97.4	97.6	96.9	95.9	96.5
176.8	97.3	97.9	96.5	98.5	98.7	97.9	99.1	99.4	97.9	98.1	98.2	98.3	97.8	97	97.4
194.2	98.1	98.7	97.3	99.1	99.3	98.7	99.6	99.8	98.6	98.7	98.8	98.9	98.5	97.8	98.1
213.2	98.5	99.2	97.9	99.5	99.7	99.2	99.8	99.9	99.1	99.2	99.3	99.4	99.1	98.5	98.7
234.1	98.7	99.6	98.2	99.8	99.9	99.6	99.9	100	99.4	99.6	99.6	99.7	99.5	99	99.1
256.8	98.9	99.8	98.4	99.9	100	99.8	100	100	99.7	99.8	99.8	99.9	99.8	99.5	99.5
282.1	99	99.9	98.6	100	100	99.9	100	100	99.9	99.9	100	100	99.9	99.8	99.8
309.6	99	100	98.7	100	100	100	100	100	100	100	100	100	100	99.9	99.9
339.8	99.2	100	98.9	100	100	100	100	100	100	100	100	100	100	100	100
373.1	99.3	100	99	100	100	100	100	100	100	100	100	100	100	100	100
409.6	99.5	100	99.2	100	100	100	100	100	100	100	100	100	100	100	100
449.7	99.6	100	99.4	100	100	100	100	100	100	100	100	100	100	100	100
493.6	99.8	100	99.6	100	100	100	100	100	100	100	100	100	100	100	100
541.9	99.9	100	99.8	100	100	100	100	100	100	100	100	100	100	100	100
594.9	100	100	99.9	100	100	100	100	100	100	100	100	100	100	100	100
653	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
716.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
786.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
863.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
948.2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1041	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1143	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1255	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
NGU prøvenr.	79898	79900	79902	79904	79906	79852	79978			80042	80043	80044	80045	80046	80047
Prøve nr. → Diameter(µm) ↓	R0942BX026K1 16-17cm	R0942BX026K1 18-19cm	R0942BX026K1 20-21cm	R0942BX026K1 22-23cm	R0942BX026K1 24-25cm	R0973BX025K1 0-1cm	R1137MC009KA 0-1cm	Standard Hynne	MINN standard	R1139MC010KA 0-1cm	R1139MC010KA 1-2cm	R1139MC010KA 2-3cm	R1139MC010KA 3-4cm	R1139MC010KA 4-5cm	R1139MC010KA 5-6cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0	0	0	0	0	0	0.016	0	0	0	0	0	0
0.452	0	0	0	0	0	0	0	0	0.045	0	0	0	0	0	0
0.496	0	0	0	0	0	0	0	0	0.089	0	0	0	0	0	0
0.545	0	0.00015	0	0.00024	0.000089	0	0	0	0.15	0	0	0	0.00026	0.00015	0
0.598	0.00053	0.0033	0.00072	0.0043	0.0023	0.00028	0.00054	0.0002	0.23	0.00021	0.00057	0.00041	0.004	0.0028	0.00049
0.657	0.0079	0.024	0.0096	0.029	0.018	0.0042	0.0075	0.0034	0.32	0.0035	0.0076	0.0058	0.025	0.019	0.0065
0.721	0.05	0.097	0.057	0.11	0.077	0.027	0.045	0.023	0.42	0.024	0.045	0.036	0.084	0.07	0.039
0.791	0.17	0.26	0.18	0.27	0.21	0.093	0.15	0.085	0.54	0.09	0.15	0.12	0.21	0.18	0.12
0.869	0.42	0.56	0.43	0.55	0.46	0.23	0.36	0.22	0.67	0.23	0.34	0.29	0.4	0.37	0.29
0.953	0.83	1	0.82	0.98	0.84	0.46	0.7	0.45	0.81	0.48	0.65	0.58	0.7	0.65	0.55
1.047	1.43	1.64	1.37	1.59	1.38	0.8	1.19	0.8	0.96	0.85	1.09	0.99	1.11	1.05	0.93
1.149	2.25	2.49	2.12	2.38	2.1	1.26	1.86	1.28	1.11	1.37	1.69	1.56	1.65	1.58	1.44
1.261	3.3	3.56	3.07	3.39	3.01	1.85	2.73	1.9	1.28	2.05	2.45	2.29	2.32	2.24	2.09
1.385	4.59	4.84	4.22	4.59	4.11	2.57	3.78	2.68	1.45	2.89	3.38	3.19	3.12	3.04	2.87
1.52	6.09	6.32	5.54	5.96	5.38	3.41	5.01	3.6	1.63	3.87	4.45	4.23	4.03	3.96	3.78
1.669	7.76	7.95	7.02	7.49	6.78	4.33	6.38	4.64	1.82	4.98	5.65	5.41	5.04	4.99	4.79
1.832	9.56	9.7	8.6	9.12	8.3	5.3	7.86	5.78	2.02	6.19	6.94	6.69	6.13	6.09	5.87
2.01	11.5	11.5	10.3	10.8	9.89	6.32	9.42	6.99	2.24	7.46	8.3	8.04	7.26	7.24	7.01
2.207	13.4	13.4	12	12.6	11.5	7.34	11	8.26	2.47	8.77	9.69	9.44	8.41	8.43	8.18
2.423	15.4	15.4	13.8	14.4	13.2	8.36	12.7	9.57	2.72	10.1	11.1	10.9	9.59	9.64	9.36
2.66	17.5	17.4	15.6	16.2	15	9.38	14.3	10.9	2.99	11.5	12.5	12.3	10.8	10.9	10.5
2.92	19.6	19.4	17.5	18.2	16.8	10.4	16	12.3	3.29	12.8	14	13.8	12	12.1	11.8
3.206	21.8	21.6	19.5	20.2	18.7	11.5	17.7	13.8	3.63	14.3	15.4	15.3	13.2	13.4	13
3.519	24.2	23.9	21.6	22.4	20.7	12.6	19.4	15.3	4	15.7	16.9	16.9	14.5	14.7	14.3
3.862	26.7	26.4	23.8	24.7	22.8	13.8	21.2	17	4.42	17.2	18.5	18.5	15.8	16	15.6
4.241	29.3	29	26.2	27.1	25.1	15.1	23	18.6	4.89	18.7	20	20.1	17.1	17.4	16.9
4.656	32.1	31.8	28.7	29.7	27.5	16.4	24.9	20.4	5.4	20.3	21.6	21.8	18.5	18.8	18.3
5.111	35	34.6	31.3	32.4	29.9	17.8	26.8	22.2	5.98	22	23.3	23.5	20	20.3	19.7
5.611	38.1	37.6	34	35.2	32.5	19.3	28.8	24.1	6.62	23.6	25	25.3	21.5	21.8	21.2
6.158	41.1	40.6	36.7	38	35.1	20.7	30.7	26.1	7.33	25.3	26.7	27	23	23.3	22.7
6.761	44.1	43.6	39.4	40.9	37.6	22.1	32.7	28.1	8.1	27	28.4	28.8	24.6	24.9	24.2
7.421	47.1	46.5	42	43.6	40.1	23.5	34.7	30	8.95	28.7	30.1	30.5	26.2	26.5	25.8
8.147	49.9	49.3	44.5	46.2	42.5	24.8	36.6	32	9.88	30.4	31.8	32.3	27.8	28.1	27.3
8.944	52.5	51.8	46.8	48.6	44.7	26	38.5	34	10.9	32.1	33.5	34	29.5	29.8	28.9
9.819	54.9	54.1	48.9	50.8	46.7	27	40.5	35.9	12	33.7	35.2	35.7	31.1	31.5	30.5
10.78	57	56.2	50.8	52.8	48.6	28	42.3	37.9	13.2	35.3	37	37.4	32.8	33.2	32.1
11.83	58.8	58	52.4	54.5	50.2	28.7	44.2	39.7	14.5	36.9	38.7	39.1	34.5	35	33.7
12.99	60.4	59.6	53.9	56	51.6	29.5	46.1	41.6	15.8	38.6	40.5	40.8	36.3	36.8	35.4
14.26	62	61.1	55.3	57.5	53.1	30.1	48.1	43.4	17.3	40.3	42.3	42.6	38.2	38.7	37.2
15.65	63.5	62.7	56.7	59	54.5	30.9	50.2	45.3	19	42.1	44.3	44.5	40.2	40.7	39.1
17.18	65.2	64.4	58.2	60.7	56.1	31.7	52.5	47.3	20.8	44.1	46.4	46.6	42.3	42.9	41.1
18.86	67.1	66.3	59.9	62.5	57.9	32.6	54.8	49.2	22.7	46.1	48.7	48.7	44.5	45.1	43.3
20.7	69	68.2	61.7	64.4	59.7	33.5	57.3	51.2	24.8	48.2	51	50.9	46.8	47.5	45.5
22.73	70.9	70.2	63.5	66.3	61.5	34.5	59.7	53.2	27.1	50.3	53.3	53.1	49.1	49.8	47.7
24.95	72.8	72.1	65.2	68.2	63.2	35.4	62.2	55	29.5	52.5	55.6	55.3	51.5	52.2	50
27.38	74.6	73.9	66.9	69.9	65	36.3	64.7	56.9	32.2	54.7	58	57.6	53.8	54.6	52.3
30.07	76.3	75.5	68.6	71.6	66.6	37.2	67.1	58.6	35	56.8	60.3	59.8	56.2	57	54.6
33	77.8	77.1	70.1	73.2	68.2	38.1	69.4	60.3	37.9	59	62.6	62	58.5	59.4	56.8
36.24	79.3	78.6	71.5	74.7	69.7	39	71.6	61.9	40.9	61.1	64.8	64	60.7	61.6	58.9
39.77	80.5	79.8	72.8	75.9	71	39.9	73.5	63.3	43.9	63	66.8	65.9	62.8	63.6	60.9
43.66	81.6	80.9	73.9	77.1	72.2	40.8	75.3	64.7	47	64.8	68.7	67.7	64.6	65.5	62.7
47.93	82.7	81.9	75.1	78.2	73.4	41.7	76.9	66	50.2	66.6	70.5	69.4	66.5	67.4	64.5
52.63	83.8	83	76.2	79.3	74.6	42.8	78.6	67.4	53.4	68.5	72.4	71.2	68.5	69.3	66.4
57.77	85	84.1	77.6	80.6	75.9	44.2	80.4	69	56.8	70.8	74.6	73.3	70.7	71.5	68.6
63.41	86.4	85.5	79.1	82	77.5	45.8	82.4	70.7	60.2	73.3	77.1	75.7	73.3	74	71.1
69.62	87.8	86.9	80.8	83.6	79.2	47.8	84.4	72.6	63.7	76.2	79.9	78.4	76.2	76.8	73.9
76.43	89.2	88.4	82.5	85.2	81	50	86.4	74.5	67	79.2	82.7	81.1	79.2	79.7	76.7
83.9	90.4	89.8	84.2	86.7	82.7	52.5	88.2	76.2	70.1	82.2	85.4	83.8	82.1	82.6	79.5
92.09	91.5	91	85.7	88	84.3	55.3	89.7	77.7	72.9	85	87.9	86.2	84.8	85.2	82
101.1	92.4	92.1	87.2	89.3	85.9	58.6	91	79.1	75.5	87.4	90.2	88.4	87.3	87.7	84.3
111	93.2	93.1	88.6	90.5	87.4	62.2	92.2	80.4	77.9	89.5	92.2	90.3	89.5	89.9	86.3

NGU Norges geologiske undersøkelse
7491 TRONDHEIM
Tlf.: 73 90 40 00
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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**76**	**77**	**78**	**79**	**80**	**81**	**82**	**83**	**84**	**85**	**86**	**87**	**88**	**89**	**90**
NGU prøvenr.	79898	79900	79902	79904	79906	79852	79978			80042	80043	80044	80045	80046	80047
Prøve nr. → Diameter(µm) ↓	R0942BX026K1 16-17cm	R0942BX026K1 18-19cm	R0942BX026K1 20-21cm	R0942BX026K1 22-23cm	R0942BX026K1 24-25cm	R0973BX025K1 0-1cm	R1137MC009KA 0-1cm	Standard Hynne	MINN standard	R1139MC010KA 0-1cm	R1139MC010KA 1-2cm	R1139MC010KA 2-3cm	R1139MC010KA 3-4cm	R1139MC010KA 4-5cm	R1139MC010KA 5-6cm
121.8	94.1	94.1	90	91.8	89	66.4	93.4	81.8	80.3	91.4	94	92.1	91.5	92.1	88.2
133.7	95.2	95.2	91.6	93.1	90.6	71	94.7	83.4	82.6	93.1	95.7	93.7	93.4	94.1	89.9
146.8	96.3	96.2	93	94.5	92.3	75.9	96.1	85	84.8	94.7	97.2	95.2	95	95.9	91.5
161.2	97.4	97.2	94.4	95.8	93.9	80.6	97.4	86.7	86.9	96	98.4	96.4	96.5	97.4	92.9
176.8	98.3	98.1	95.5	97	95.1	85	98.5	88.1	88.8	97.1	99.2	97.4	97.6	98.6	94
194.2	99	98.7	96.4	98	96.1	88.6	99.3	89.4	90.5	98	99.7	98.1	98.3	99.4	94.8
213.2	99.5	99.2	97	98.7	96.8	91.5	99.7	90.4	91.8	98.5	99.9	98.5	98.7	99.8	95.3
234.1	99.8	99.5	97.5	99.3	97.2	93.6	99.9	91.2	92.9	98.9	100	98.7	98.9	99.9	95.6
256.8	99.9	99.7	97.8	99.7	97.5	95	100	91.8	93.7	99.1	100	98.8	99	100	95.8
282.1	100	99.9	98	99.9	97.7	96	100	92.4	94.4	99.3	100	98.9	99	100	96
309.6	100	100	98.2	100	98	96.7	100	93	95	99.4	100	99	99	100	96.1
339.8	100	100	98.4	100	98.2	97.3	100	93.5	95.5	99.6	100	99.1	99.1	100	96.3
373.1	100	100	98.6	100	98.5	97.9	100	94.1	96	99.7	100	99.2	99.2	100	96.5
409.6	100	100	98.8	100	98.8	98.4	100	94.7	96.5	99.9	100	99.3	99.3	100	96.7
449.7	100	100	99	100	99.1	98.9	100	95.3	96.9	99.9	100	99.4	99.5	100	96.9
493.6	100	100	99.3	100	99.4	99.4	100	95.9	97.3	100	100	99.6	99.6	100	97.2
541.9	100	100	99.6	100	99.7	99.7	100	96.6	97.6	100	100	99.7	99.7	100	97.5
594.9	100	100	99.8	100	99.9	99.9	100	97.2	97.9	100	100	99.8	99.8	100	97.9
653	100	100	100	100	100	100	100	97.9	98	100	100	99.9	99.9	100	98.4
716.9	100	100	100	100	100	100	100	98.6	98.2	100	100	100	100	100	98.9
786.9	100	100	100	100	100	100	100	99.3	98.3	100	100	100	100	100	99.4
863.9	100	100	100	100	100	100	100	99.7	98.5	100	100	100	100	100	99.7
948.2	100	100	100	100	100	100	100	99.9	98.7	100	100	100	100	100	99.9
1041	100	100	100	100	100	100	100	100	99.1	100	100	100	100	100	100
1143	100	100	100	100	100	100	100	100	99.4	100	100	100	100	100	100
1255	100	100	100	100	100	100	100	100	99.8	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	99.9	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse
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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**91**	**92**	**93**	**94**	**95**	**96**	**97**	**98**	**99**	**100**	**101**	**102**	**103**	**104**	**105**
NGU prøvenr.	80048	80049	80050	80051	80052	80053	80054	80055	80056	80058	80060	80062	80064	80066	80068
Prøve nr. → Diameter(µm) ↓	R1139MC010KA 6-7cm	R1139MC010KA 7-8cm	R1139MC010KA 8-9cm	R1139MC010KA 9-10cm	R1139MC010KA 10-11cm	R1139MC010KA 11-12cm	R1139MC010KA 12-13cm	R1139MC010KA 13-14cm	R1139MC010KA 14-15cm	R1139MC010KA 16-17cm	R1139MC010KA 18-19cm	R1139MC010KA 20-21cm	R1139MC010KA 22-23cm	R1139MC010KA 24-25cm	R1139MC010KA 26-27cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.452	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.496	0	0	0	0	0.000001	0	0	0	0	0.000099	0.000001	0.000031	0.000019	0.0001	0
0.545	0.000089	0	0.00014	0.00015	0.00037	0.00026	0	0.00025	0.0003	0.0018	0.00045	0.001	0.0008	0.0019	0.00039
0.598	0.002	0.00046	0.0026	0.0025	0.0047	0.0038	0.000088	0.0037	0.0043	0.013	0.0057	0.0091	0.0074	0.013	0.0055
0.657	0.015	0.0062	0.018	0.017	0.027	0.023	0.0019	0.023	0.026	0.049	0.032	0.041	0.035	0.051	0.032
0.721	0.059	0.037	0.065	0.061	0.085	0.079	0.015	0.078	0.085	0.13	0.1	0.12	0.1	0.13	0.11
0.791	0.16	0.12	0.17	0.16	0.2	0.19	0.06	0.19	0.2	0.27	0.24	0.26	0.23	0.28	0.25
0.869	0.33	0.28	0.34	0.32	0.37	0.37	0.17	0.37	0.39	0.49	0.46	0.48	0.43	0.5	0.47
0.953	0.6	0.53	0.61	0.56	0.63	0.64	0.35	0.64	0.67	0.8	0.78	0.8	0.72	0.82	0.8
1.047	0.99	0.89	0.98	0.89	0.99	1.01	0.64	1.01	1.04	1.22	1.21	1.25	1.12	1.25	1.25
1.149	1.49	1.38	1.47	1.34	1.45	1.49	1.04	1.49	1.54	1.76	1.78	1.82	1.64	1.81	1.83
1.261	2.14	2	2.09	1.9	2.02	2.1	1.57	2.1	2.15	2.43	2.48	2.52	2.28	2.49	2.55
1.385	2.91	2.76	2.83	2.58	2.7	2.82	2.24	2.82	2.88	3.21	3.31	3.35	3.03	3.29	3.4
1.52	3.8	3.64	3.69	3.35	3.48	3.64	3.02	3.65	3.71	4.1	4.25	4.3	3.89	4.2	4.37
1.669	4.79	4.62	4.65	4.22	4.33	4.55	3.91	4.56	4.63	5.08	5.29	5.34	4.84	5.2	5.43
1.832	5.86	5.68	5.67	5.14	5.25	5.52	4.89	5.54	5.61	6.13	6.4	6.46	5.85	6.26	6.57
2.01	6.97	6.8	6.75	6.12	6.21	6.54	5.94	6.56	6.63	7.22	7.56	7.62	6.91	7.36	7.75
2.207	8.11	7.95	7.87	7.12	7.2	7.59	7.03	7.61	7.67	8.34	8.75	8.8	7.99	8.48	8.95
2.423	9.26	9.12	9	8.14	8.2	8.65	8.15	8.68	8.73	9.48	9.96	10	9.09	9.62	10.2
2.66	10.4	10.3	10.1	9.18	9.21	9.72	9.3	9.76	9.8	10.6	11.2	11.2	10.2	10.8	11.4
2.92	11.6	11.5	11.3	10.2	10.2	10.8	10.5	10.9	10.9	11.8	12.4	12.4	11.3	11.9	12.6
3.206	12.8	12.7	12.5	11.3	11.3	11.9	11.7	12	12	13	13.7	13.7	12.5	13.1	13.9
3.519	14	14	13.7	12.4	12.4	13	12.9	13.1	13.1	14.2	15	15	13.7	14.4	15.2
3.862	15.3	15.3	15	13.5	13.5	14.2	14.2	14.3	14.3	15.5	16.4	16.4	14.9	15.7	16.6
4.241	16.6	16.6	16.3	14.7	14.7	15.4	15.6	15.5	15.5	16.9	17.8	17.8	16.2	17	18
4.656	17.9	18	17.6	15.9	15.8	16.7	16.9	16.8	16.8	18.3	19.2	19.2	17.5	18.4	19.5
5.111	19.3	19.4	19	17.1	17.1	18	18.3	18.1	18.1	19.8	20.7	20.7	18.9	19.8	21
5.611	20.8	20.8	20.4	18.4	18.4	19.3	19.7	19.5	19.5	21.3	22.3	22.3	20.4	21.3	22.5
6.158	22.3	22.3	21.8	19.7	19.7	20.7	21.2	20.9	20.9	22.9	23.9	23.9	21.9	22.9	24.1
6.761	23.8	23.8	23.3	21	21.1	22.1	22.6	22.3	22.4	24.5	25.6	25.6	23.4	24.5	25.8
7.421	25.3	25.3	24.8	22.4	22.5	23.6	24.1	23.7	23.8	26.1	27.2	27.3	25	26.1	27.4
8.147	26.8	26.9	26.4	23.8	23.9	25	25.5	25.2	25.4	27.8	28.9	29	26.5	27.7	29.1
8.944	28.4	28.5	28	25.2	25.4	26.6	27	26.8	26.9	29.6	30.7	30.8	28.2	29.4	30.8
9.819	30	30	29.6	26.6	26.9	28.1	28.5	28.3	28.5	31.4	32.4	32.6	29.8	31.1	32.5
10.78	31.7	31.7	31.2	28.1	28.5	29.7	30	29.9	30.1	33.2	34.2	34.4	31.5	32.8	34.2
11.83	33.3	33.3	32.9	29.7	30.1	31.4	31.5	31.6	31.8	35	36.1	36.3	33.2	34.5	36
12.99	35	35	34.7	31.3	31.8	33.1	33	33.3	33.5	37	38	38.2	34.9	36.3	37.7
14.26	36.9	36.8	36.5	33	33.6	34.9	34.7	35.1	35.3	39	39.9	40.2	36.8	38.1	39.6
15.65	38.8	38.8	38.5	34.8	35.5	36.8	36.4	37	37.3	41.1	42	42.3	38.7	40.1	41.5
17.18	40.9	40.8	40.6	36.8	37.6	38.9	38.3	39.1	39.3	43.4	44.2	44.5	40.7	42.1	43.6
18.86	43.1	43	42.9	38.8	39.8	41.1	40.2	41.2	41.5	45.7	46.5	46.8	42.8	44.3	45.7
20.7	45.3	45.2	45.2	41	42	43.4	42.3	43.5	43.7	48.1	48.9	49.2	44.9	46.5	47.8
22.73	47.6	47.5	47.5	43.2	44.4	45.7	44.3	45.7	45.9	50.5	51.2	51.6	47.1	48.7	50
24.95	49.9	49.8	50	45.5	46.7	48.1	46.5	48.1	48.2	52.9	53.6	54	49.3	51	52.1
27.38	52.3	52.2	52.4	47.8	49.2	50.6	48.6	50.4	50.5	55.4	56	56.4	51.5	53.2	54.3
30.07	54.7	54.6	54.9	50.2	51.7	53.1	50.8	52.8	52.8	57.8	58.4	58.7	53.7	55.5	56.4
33	57.1	56.9	57.4	52.6	54.1	55.5	53	55.1	55.1	60.1	60.8	61.1	55.9	57.7	58.6
36.24	59.4	59.2	59.7	54.9	56.4	57.9	55	57.4	57.2	62.3	63	63.3	58	59.8	60.6
39.77	61.5	61.3	61.9	57	58.5	60.1	56.9	59.5	59.2	64.3	65.1	65.4	60	61.8	62.5
43.66	63.5	63.2	63.9	59.1	60.6	62.2	58.8	61.5	61.1	66.3	67.1	67.4	62	63.7	64.3
47.93	65.5	65.2	66	61.2	62.7	64.3	60.6	63.5	63	68.2	69.2	69.4	64.1	65.8	66.3
52.63	67.6	67.3	68.2	63.5	64.9	66.6	62.6	65.7	65.1	70.3	71.5	71.7	66.5	68.1	68.4
57.77	70.1	69.7	70.6	66	67.4	69.1	64.9	68.2	67.5	72.8	74.1	74.3	69.3	70.7	70.9
63.41	72.9	72.5	73.4	69	70.2	72.1	67.5	71	70.2	75.6	77	77.3	72.4	73.7	73.7
69.62	76	75.5	76.5	72.2	73.3	75.3	70.4	74.2	73.2	78.6	80.2	80.4	75.9	76.9	76.7
76.43	79.3	78.6	79.7	75.7	76.5	78.7	73.4	77.5	76.2	81.7	83.4	83.5	79.4	80.1	79.8
83.9	82.5	81.8	82.9	79.1	79.7	81.9	76.4	80.7	79.1	84.5	86.3	86.3	82.7	83	82.7
92.09	85.5	84.7	85.8	82.3	82.6	84.9	79.1	83.7	81.7	87	88.9	88.7	85.6	85.6	85.1
101.1	88.1	87.4	88.5	85.3	85.3	87.6	81.5	86.4	84	89.1	91	90.7	88.1	87.7	87.2
111	90.5	89.8	90.8	88	87.7	90	83.8	88.9	86	90.8	92.7	92.3	90.3	89.6	89

NGU Norges geologiske undersøkelse
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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**91**	**92**	**93**	**94**	**95**	**96**	**97**	**98**	**99**	**100**	**101**	**102**	**103**	**104**	**105**
NGU prøvenr.	80048	80049	80050	80051	80052	80053	80054	80055	80056	80058	80060	80062	80064	80066	80068
Prøve nr. → Diameter(µm) ↓	R1139MC010KA 6-7cm	R1139MC010KA 7-8cm	R1139MC010KA 8-9cm	R1139MC010KA 9-10cm	R1139MC010KA 10-11cm	R1139MC010KA 11-12cm	R1139MC010KA 12-13cm	R1139MC010KA 13-14cm	R1139MC010KA 14-15cm	R1139MC010KA 16-17cm	R1139MC010KA 18-19cm	R1139MC010KA 20-21cm	R1139MC010KA 22-23cm	R1139MC010KA 24-25cm	R1139MC010KA 26-27cm
121.8	92.6	92.1	93	90.6	90	92.2	85.8	91.1	87.9	92.4	94.3	93.8	92.3	91.2	90.6
133.7	94.6	94.3	94.9	92.9	92.1	94.1	87.8	93.3	89.7	93.8	95.7	95.2	94.2	92.8	92.1
146.8	96.3	96.1	96.6	95	94	95.8	89.6	95.2	91.3	95.1	97	96.5	95.9	94.3	93.6
161.2	97.7	97.7	97.9	96.7	95.7	97.3	91.2	96.9	92.7	96.2	98.1	97.7	97.3	95.7	95
176.8	98.8	98.8	98.9	98.1	97	98.4	92.5	98.2	93.9	97.1	99	98.6	98.5	96.8	96.2
194.2	99.5	99.5	99.5	99	97.9	99.2	93.6	99.1	94.8	97.8	99.5	99.3	99.3	97.7	97.1
213.2	99.8	99.9	99.8	99.6	98.5	99.7	94.4	99.7	95.4	98.1	99.9	99.7	99.7	98.3	97.8
234.1	100	100	100	99.9	98.8	99.9	95	99.9	95.7	98.3	100	99.9	99.9	98.7	98.2
256.8	100	100	100	100	98.9	100	95.6	100	96	98.4	100	100	100	98.9	98.5
282.1	100	100	100	100	99	100	96	100	96.3	98.4	100	100	100	99	98.6
309.6	100	100	100	100	99.1	100	96.4	100	96.5	98.4	100	100	100	99.1	98.8
339.8	100	100	100	100	99.1	100	96.8	100	96.7	98.5	100	100	100	99.3	98.9
373.1	100	100	100	100	99.2	100	97.2	100	97	98.6	100	100	100	99.4	99
409.6	100	100	100	100	99.3	100	97.6	100	97.3	98.7	100	100	100	99.5	99.2
449.7	100	100	100	100	99.5	100	98	100	97.7	98.8	100	100	100	99.6	99.4
493.6	100	100	100	100	99.6	100	98.4	100	98	99	100	100	100	99.7	99.6
541.9	100	100	100	100	99.7	100	98.7	100	98.3	99.1	100	100	100	99.8	99.8
594.9	100	100	100	100	99.8	100	99	100	98.6	99.2	100	100	100	99.9	99.9
653	100	100	100	100	99.9	100	99.3	100	98.9	99.3	100	100	100	99.9	100
716.9	100	100	100	100	99.9	100	99.5	100	99.2	99.4	100	100	100	100	100
786.9	100	100	100	100	99.9	100	99.7	100	99.5	99.6	100	100	100	100	100
863.9	100	100	100	100	100	100	99.9	100	99.8	99.8	100	100	100	100	100
948.2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1041	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1143	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1255	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

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Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
NGU prøvenr.	80070	80072			80106	80107	80108	80109	80110	80111	80112	80113	80114	80115	80116
Prøve nr. → Diameter(µm) ↓	R1139MC010KA 28-29cm	R1139MC010KA 30-31cm	Standard Hynne	MINN standard	R1146MC011KA 0-1cm	R1146MC011KA 1-2cm	R1146MC011KA 2-3cm	R1146MC011KA3-4cm	R1146MC011KA 4-5cm	R1146MC011KA 5-6cm	R1146MC011KA 6-7cm	R1146MC011KA 7-8cm	R1146MC011KA 8-9cm	R1146MC011KA 9-10cm	R1146MC011KA 10-11cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0	0.017	0	0	0	0	0	0	0	0	0	0	0
0.452	0	0	0	0.047	0	0	0	0	0	0	0	0	0	0	0
0.496	0	0	0	0.091	0	0	0	0	0	0	0	0	0	0	0
0.545	0.00029	0.00025	0	0.15	0.00005	0	0	0.000086	0.00023	0.00021	0	0	0.0002	0.000075	0.000086
0.598	0.0042	0.0039	0.0002	0.23	0.0015	0	0.00037	0.002	0.0036	0.0033	0.00013	0.00048	0.0033	0.0019	0.002
0.657	0.026	0.024	0.0034	0.33	0.012	0.00023	0.0053	0.015	0.023	0.021	0.0025	0.0065	0.022	0.015	0.015
0.721	0.086	0.083	0.023	0.43	0.053	0.0043	0.033	0.061	0.079	0.074	0.018	0.038	0.079	0.06	0.059
0.791	0.21	0.2	0.083	0.55	0.15	0.03	0.11	0.17	0.19	0.18	0.071	0.12	0.2	0.16	0.16
0.869	0.41	0.4	0.21	0.69	0.32	0.11	0.27	0.35	0.39	0.36	0.19	0.29	0.4	0.35	0.34
0.953	0.7	0.69	0.44	0.83	0.59	0.29	0.54	0.63	0.67	0.63	0.4	0.56	0.71	0.64	0.61
1.047	1.1	1.1	0.78	0.98	0.97	0.59	0.92	1.04	1.06	1.01	0.72	0.94	1.13	1.05	0.99
1.149	1.62	1.64	1.24	1.14	1.47	1.04	1.45	1.57	1.58	1.5	1.17	1.46	1.7	1.59	1.5
1.261	2.28	2.3	1.85	1.3	2.12	1.65	2.14	2.25	2.23	2.12	1.76	2.12	2.41	2.28	2.15
1.385	3.06	3.1	2.61	1.48	2.9	2.43	2.97	3.07	3	2.85	2.49	2.93	3.25	3.12	2.93
1.52	3.94	4.01	3.5	1.66	3.8	3.37	3.94	4.01	3.88	3.7	3.35	3.86	4.23	4.08	3.83
1.669	4.92	5.01	4.51	1.85	4.8	4.46	5.03	5.06	4.86	4.63	4.32	4.9	5.31	5.15	4.83
1.832	5.96	6.08	5.61	2.06	5.88	5.67	6.21	6.19	5.91	5.63	5.39	6.02	6.46	6.3	5.9
2.01	7.05	7.2	6.78	2.28	7.02	6.97	7.44	7.37	7.01	6.68	6.52	7.2	7.67	7.51	7.03
2.207	8.16	8.34	8.01	2.51	8.18	8.33	8.71	8.58	8.14	7.75	7.7	8.4	8.91	8.75	8.18
2.423	9.28	9.5	9.29	2.76	9.36	9.73	9.99	9.8	9.27	8.83	8.91	9.62	10.2	10	9.35
2.66	10.4	10.7	10.6	3.04	10.5	11.2	11.3	11	10.4	9.92	10.1	10.8	11.4	11.3	10.5
2.92	11.6	11.8	12	3.35	11.7	12.6	12.6	12.3	11.6	11	11.4	12.1	12.7	12.6	11.7
3.206	12.8	13.1	13.4	3.68	13	14.2	13.9	13.6	12.8	12.2	12.7	13.3	14	13.9	12.9
3.519	14	14.3	14.9	4.06	14.2	15.7	15.2	14.8	14	13.3	14	14.6	15.3	15.2	14.2
3.862	15.2	15.6	16.5	4.48	15.5	17.3	16.6	16.2	15.2	14.5	15.3	15.9	16.7	16.6	15.4
4.241	16.5	16.9	18.1	4.95	16.8	19	18	17.5	16.5	15.7	16.7	17.3	18.1	18	16.7
4.656	17.9	18.3	19.9	5.48	18.1	20.6	19.5	18.9	17.8	17	18.1	18.7	19.6	19.4	18.1
5.111	19.3	19.8	21.7	6.06	19.5	22.3	21	20.4	19.1	18.3	19.6	20.1	21.1	20.9	19.5
5.611	20.8	21.2	23.5	6.71	20.8	24	22.5	21.8	20.5	19.6	21	21.6	22.6	22.4	20.9
6.158	22.3	22.8	25.5	7.42	22.2	25.7	24	23.3	21.9	21	22.5	23	24.2	24	22.3
6.761	23.8	24.3	27.4	8.21	23.7	27.4	25.5	24.8	23.3	22.4	24	24.5	25.8	25.5	23.8
7.421	25.3	25.9	29.4	9.07	25.1	29	27.1	26.4	24.7	23.8	25.5	26.1	27.4	27.1	25.3
8.147	26.9	27.4	31.3	10	26.5	30.7	28.6	27.9	26.2	25.2	27	27.6	29	28.7	26.8
8.944	28.5	29	33.3	11	27.9	32.2	30.1	29.4	27.6	26.6	28.4	29.2	30.7	30.3	28.3
9.819	30.1	30.6	35.2	12.1	29.3	33.7	31.6	31	29.1	28.1	29.9	30.7	32.3	31.9	29.9
10.78	31.7	32.2	37.1	13.3	30.7	35.2	33.2	32.6	30.6	29.6	31.4	32.3	34	33.6	31.4
11.83	33.3	33.7	38.9	14.6	32.1	36.7	34.7	34.2	32.2	31.1	32.9	33.9	35.7	35.3	33
12.99	34.9	35.3	40.8	16	33.6	38.1	36.3	35.8	33.8	32.7	34.4	35.6	37.5	37	34.7
14.26	36.6	37	42.6	17.5	35.1	39.6	38	37.6	35.5	34.4	36	37.4	39.4	38.9	36.5
15.65	38.4	38.7	44.5	19.2	36.8	41.3	39.8	39.5	37.3	36.2	37.7	39.3	41.4	40.8	38.4
17.18	40.2	40.6	46.4	21	38.6	43	41.7	41.5	39.3	38.1	39.6	41.4	43.6	43	40.4
18.86	42.2	42.4	48.4	22.9	40.5	44.9	43.8	43.6	41.4	40.2	41.5	43.5	45.9	45.2	42.6
20.7	44.1	44.3	50.4	25	42.5	46.8	46	45.9	43.6	42.3	43.6	45.8	48.3	47.6	44.8
22.73	46.1	46.2	52.3	27.3	44.6	48.9	48.2	48.2	45.8	44.5	45.7	48.2	50.8	50	47.2
24.95	48.1	48.1	54.2	29.8	46.7	51	50.5	50.6	48.2	46.8	47.9	50.6	53.4	52.5	49.6
27.38	50.1	50	56.1	32.4	48.9	53.1	52.8	53.1	50.6	49.2	50.1	53.1	56	55.1	52.1
30.07	52	51.9	57.8	35.3	51.2	55.4	55.3	55.6	53.2	51.7	52.4	55.6	58.7	57.7	54.7
33	54	53.7	59.5	38.2	53.5	57.6	57.7	58.1	55.7	54.1	54.7	58.2	61.4	60.4	57.3
36.24	55.9	55.5	61.1	41.2	55.8	59.8	60.1	60.6	58.2	56.5	57	60.8	64	63	59.7
39.77	57.7	57.2	62.5	44.2	58.1	62	62.4	63	60.7	58.9	59.2	63.3	66.7	65.5	62.1
43.66	59.5	58.8	63.8	47.3	60.3	64.3	64.8	65.4	63.2	61.3	61.4	65.8	69.3	68	64.5
47.93	61.4	60.6	65.1	50.5	62.7	66.7	67.1	67.9	65.8	63.7	63.7	68.4	72	70.6	66.9
52.63	63.5	62.6	66.5	53.8	65.3	69.3	69.7	70.6	68.6	66.4	66.2	71.3	74.8	73.4	69.4
57.77	65.9	64.9	68.1	57.2	68.2	72.2	72.6	73.6	71.7	69.3	69	74.5	78	76.5	72.2
63.41	68.8	67.6	69.8	60.6	71.4	75.5	75.8	76.8	75.1	72.6	72.2	77.9	81.4	79.8	75.2
69.62	71.9	70.5	71.7	64.1	74.8	79	79.2	80.2	78.7	75.9	75.4	81.5	84.9	83.2	78.3
76.43	75	73.6	73.6	67.4	78.2	82.5	82.5	83.5	82.2	79.2	78.6	85.1	88.5	86.5	81.2
83.9	78	76.5	75.2	70.5	81.3	85.6	85.5	86.5	85.4	82.2	81.6	88.2	91.8	89.4	83.8
92.09	80.6	79.1	76.7	73.3	84	88.3	88	89.1	88.2	84.8	84.1	91	94.6	91.8	85.9
101.1	82.9	81.4	78.1	75.9	86.2	90.5	90.1	91.2	90.6	87	86.3	93.2	96.9	93.6	87.6
111	85	83.5	79.4	78.2	88.2	92.4	91.9	92.9	92.5	88.8	88.1	95.1	98.5	95.1	89.1

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Coulter data (Kumulativ volum % <)

Løpenr.	**106**	**107**	**108**	**109**	**110**	**111**	**112**	**113**	**114**	**115**	**116**	**117**	**118**	**119**	**120**
NGU prøvenr.	80070	80072			80106	80107	80108	80109	80110	80111	80112	80113	80114	80115	80116
Prøve nr. → Diameter(µm) ↓	R1139MC010KA 28-29cm	R1139MC010KA 30-31cm	Standard Hynne	MINN standard	R1146MC011KA 0-1cm	R1146MC011KA 1-2cm	R1146MC011KA 2-3cm	R1146MC011KA3-4cm	R1146MC011KA 4-5cm	R1146MC011KA 5-6cm	R1146MC011KA 6-7cm	R1146MC011KA 7-8cm	R1146MC011KA 8-9cm	R1146MC011KA 9-10cm	R1146MC011KA 10-11cm
121.8	86.9	85.4	80.9	80.5	89.9	94	93.6	94.5	94.3	90.4	89.7	96.6	99.4	96.4	90.4
133.7	88.7	87.3	82.5	82.8	91.5	95.5	95.1	95.9	95.8	91.9	91.3	97.9	99.9	97.5	91.7
146.8	90.5	89.1	84.2	85	93	96.9	96.5	97.2	97.1	93.4	92.7	98.9	100	98.4	93
161.2	92.2	90.8	85.9	87.1	94.3	98.1	97.8	98.3	98.2	94.7	94	99.6	100	99.2	94.3
176.8	93.7	92.4	87.5	88.9	95.4	99	98.8	99.1	99	95.7	95.1	99.9	100	99.7	95.3
194.2	95	93.7	88.8	90.6	96.2	99.6	99.5	99.6	99.5	96.6	95.9	100	100	99.9	96.2
213.2	96.1	94.8	89.9	91.9	96.7	99.9	99.8	99.9	99.8	97.1	96.5	100	100	100	96.8
234.1	97	95.7	90.8	93	97	100	100	100	100	97.5	96.9	100	100	100	97.2
256.8	97.6	96.5	91.5	93.9	97.2	100	100	100	100	97.7	97.2	100	100	100	97.5
282.1	98.1	97.1	92.2	94.6	97.4	100	100	100	100	97.9	97.4	100	100	100	97.8
309.6	98.6	97.6	92.8	95.2	97.5	100	100	100	100	98	97.6	100	100	100	98
339.8	98.9	98	93.4	95.7	97.7	100	100	100	100	98.2	97.8	100	100	100	98.2
373.1	99.2	98.3	93.9	96.2	97.9	100	100	100	100	98.5	98.1	100	100	100	98.4
409.6	99.4	98.7	94.5	96.6	98.1	100	100	100	100	98.7	98.4	100	100	100	98.6
449.7	99.6	98.9	95.1	97.1	98.3	100	100	100	100	98.9	98.7	100	100	100	98.8
493.6	99.8	99.1	95.6	97.4	98.5	100	100	100	100	99.1	99	100	100	100	99
541.9	99.9	99.3	96.1	97.8	98.7	100	100	100	100	99.3	99.3	100	100	100	99.2
594.9	100	99.4	96.7	98.1	98.8	100	100	100	100	99.4	99.5	100	100	100	99.4
653	100	99.5	97.4	98.3	99	100	100	100	100	99.5	99.6	100	100	100	99.5
716.9	100	99.6	98.1	98.5	99.2	100	100	100	100	99.6	99.7	100	100	100	99.7
786.9	100	99.8	98.9	98.7	99.5	100	100	100	100	99.8	99.8	100	100	100	99.8
863.9	100	99.9	99.6	98.9	99.8	100	100	100	100	99.9	99.9	100	100	100	99.9
948.2	100	100	99.9	99.1	99.9	100	100	100	100	100	100	100	100	100	100
1041	100	100	100	99.3	100	100	100	100	100	100	100	100	100	100	100
1143	100	100	100	99.6	100	100	100	100	100	100	100	100	100	100	100
1255	100	100	100	99.8	100	100	100	100	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse
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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

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Coulter data (Kumulativ volum % <)

Løpenr.	**121**	**122**	**123**	**124**	**125**	**126**	**127**	**128**	**129**	**130**	**131**	**132**	**133**	**134**	**135**
NGU prøvenr.	80117	80118	80119	80120	80122	80124	80126	80128	80130	80132	80134	80136	80138	80140	80142
Prøve nr. → Diameter(µm) ↓	R1146MC011KA 11-12cm	R1146MC011KA12-13cm	R1146MC011KA 13-14cm	R1146MC011KA 14-15cm	R1146MC011KA 16-17cm	R1146MC011KA 18-19cm	R1146MC011KA 20-21cm	R1146MC011KA 22-23cm	R1146MC011KA 24-25cm	R1146MC011KA 26-27cm	R1146MC011KA 28-29cm	R1146MC011KA 30-31cm	R1146MC011KA 32-33cm	R1146MC011KA 34-35cm	R1146MC011KA 36-37cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.452	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.496	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.545	0.000041	0.00014	0	0	0.00022	0.00018	0	0.00012	0.000044	0.00026	0.0001	0.00015	0.0002	0.00031	0.00023
0.598	0.0014	0.0025	0.00029	0.00047	0.0034	0.0029	0.00041	0.0024	0.0013	0.0039	0.0021	0.0027	0.0034	0.0045	0.0036
0.657	0.012	0.017	0.0044	0.0063	0.021	0.019	0.0054	0.017	0.011	0.024	0.016	0.018	0.022	0.027	0.022
0.721	0.053	0.061	0.028	0.037	0.074	0.067	0.032	0.063	0.048	0.081	0.061	0.065	0.081	0.09	0.075
0.791	0.15	0.16	0.096	0.12	0.18	0.17	0.1	0.17	0.13	0.2	0.16	0.17	0.21	0.21	0.18
0.869	0.33	0.32	0.24	0.28	0.36	0.34	0.24	0.34	0.29	0.38	0.34	0.34	0.42	0.41	0.36
0.953	0.6	0.57	0.47	0.53	0.63	0.59	0.46	0.61	0.53	0.66	0.61	0.59	0.73	0.7	0.62
1.047	0.99	0.92	0.82	0.9	1	0.95	0.77	1	0.88	1.04	1	0.96	1.17	1.1	0.98
1.149	1.51	1.38	1.3	1.39	1.49	1.42	1.2	1.5	1.34	1.55	1.51	1.44	1.76	1.63	1.46
1.261	2.18	1.96	1.92	2.02	2.11	2.01	1.74	2.14	1.92	2.17	2.16	2.04	2.49	2.28	2.05
1.385	2.98	2.66	2.68	2.79	2.84	2.72	2.41	2.91	2.63	2.92	2.94	2.76	3.37	3.05	2.76
1.52	3.91	3.47	3.57	3.67	3.68	3.53	3.18	3.79	3.45	3.78	3.84	3.58	4.38	3.93	3.57
1.669	4.94	4.36	4.56	4.66	4.6	4.43	4.04	4.77	4.36	4.72	4.83	4.5	5.49	4.9	4.46
1.832	6.05	5.32	5.64	5.72	5.6	5.4	4.98	5.82	5.34	5.74	5.91	5.48	6.68	5.94	5.42
2.01	7.22	6.32	6.77	6.83	6.63	6.42	5.97	6.92	6.37	6.8	7.03	6.51	7.92	7.03	6.42
2.207	8.42	7.36	7.94	7.98	7.69	7.47	7	8.04	7.43	7.88	8.18	7.55	9.19	8.14	7.45
2.423	9.64	8.41	9.12	9.14	8.77	8.53	8.04	9.18	8.51	8.98	9.35	8.61	10.5	9.27	8.49
2.66	10.9	9.47	10.3	10.3	9.85	9.6	9.1	10.3	9.6	10.1	10.5	9.68	11.7	10.4	9.54
2.92	12.1	10.5	11.5	11.5	10.9	10.7	10.2	11.5	10.7	11.2	11.7	10.8	13	11.6	10.6
3.206	13.4	11.6	12.7	12.7	12.1	11.8	11.3	12.7	11.8	12.4	12.9	11.9	14.4	12.7	11.7
3.519	14.7	12.8	14	13.9	13.2	12.9	12.4	13.9	13	13.5	14.2	13	15.7	13.9	12.8
3.862	16	13.9	15.3	15.2	14.4	14.1	13.5	15.1	14.1	14.7	15.4	14.1	17.1	15.2	14
4.241	17.4	15.1	16.6	16.5	15.6	15.3	14.7	16.4	15.3	16	16.7	15.3	18.5	16.4	15.2
4.656	18.8	16.3	17.9	17.8	16.8	16.5	15.9	17.7	16.5	17.3	18.1	16.5	20	17.7	16.4
5.111	20.2	17.5	19.3	19.2	18.1	17.7	17.1	19	17.7	18.6	19.4	17.8	21.6	19.1	17.7
5.611	21.6	18.8	20.7	20.6	19.4	19	18.3	20.4	19	19.9	20.9	19.1	23.1	20.5	19
6.158	23.1	20.1	22.1	22	20.8	20.3	19.6	21.8	20.3	21.3	22.3	20.4	24.8	21.9	20.3
6.761	24.6	21.4	23.5	23.4	22.1	21.6	20.8	23.2	21.6	22.8	23.8	21.8	26.4	23.3	21.7
7.421	26.2	22.8	25	24.8	23.5	23	22.1	24.7	22.9	24.2	25.2	23.2	28.1	24.8	23.1
8.147	27.7	24.1	26.4	26.2	24.9	24.3	23.4	26.1	24.2	25.7	26.7	24.6	29.8	26.3	24.5
8.944	29.3	25.5	27.9	27.7	26.4	25.7	24.7	27.6	25.6	27.2	28.3	26.1	31.5	27.9	25.9
9.819	30.9	26.9	29.3	29.2	27.8	27.2	26	29.2	26.9	28.7	29.8	27.5	33.3	29.4	27.4
10.78	32.5	28.4	30.8	30.7	29.3	28.6	27.4	30.7	28.3	30.3	31.4	29	35.1	31	28.9
11.83	34.1	29.8	32.3	32.2	30.9	30.1	28.7	32.3	29.7	31.9	33	30.6	36.9	32.6	30.4
12.99	35.8	31.4	33.9	33.8	32.5	31.7	30.2	33.9	31.2	33.6	34.7	32.2	38.8	34.3	32
14.26	37.6	33	35.6	35.4	34.2	33.3	31.7	35.7	32.7	35.4	36.4	33.9	40.8	36.1	33.7
15.65	39.5	34.7	37.4	37.3	36	35.1	33.3	37.6	34.4	37.3	38.3	35.7	42.9	38.1	35.4
17.18	41.6	36.6	39.3	39.2	38	37.1	35.1	39.6	36.3	39.3	40.4	37.7	45.3	40.2	37.3
18.86	43.8	38.7	41.4	41.3	40	39.1	36.9	41.8	38.2	41.5	42.5	39.8	47.7	42.4	39.3
20.7	46.1	40.8	43.5	43.5	42.2	41.3	38.9	44.1	40.2	43.8	44.8	41.9	50.2	44.7	41.4
22.73	48.5	43	45.7	45.7	44.5	43.6	41	46.4	42.4	46.2	47.1	44.2	52.8	47.2	43.6
24.95	51	45.4	48	48.1	46.9	46	43.1	48.8	44.6	48.6	49.5	46.6	55.4	49.7	45.8
27.38	53.6	47.8	50.4	50.5	49.3	48.5	45.4	51.3	47	51.2	52.1	49	58.1	52.3	48.1
30.07	56.3	50.4	52.9	53	51.8	51.1	47.7	53.8	49.4	53.8	54.6	51.5	60.8	54.9	50.4
33	58.9	53	55.4	55.5	54.4	53.7	50.1	56.4	51.9	56.4	57.2	54.1	63.5	57.6	52.8
36.24	61.6	55.6	57.9	58.1	56.9	56.4	52.5	58.9	54.4	59	59.8	56.6	66.1	60.3	55.2
39.77	64.2	58.2	60.3	60.5	59.4	59	54.9	61.2	56.9	61.6	62.3	59.1	68.6	62.9	57.5
43.66	66.7	60.8	62.6	63	61.8	61.6	57.4	63.6	59.5	64.1	64.8	61.6	71	65.4	59.9
47.93	69.3	63.6	65.1	65.5	64.4	64.3	60	65.9	62.2	66.7	67.5	64.2	73.4	68.1	62.4
52.63	72.1	66.6	67.6	68.3	67.1	67.2	62.9	68.4	65.2	69.4	70.4	67	76	71	65.2
57.77	75.2	69.8	70.4	71.3	70.1	70.3	66.1	71.1	68.5	72.5	73.7	70.1	78.8	74.2	68.4
63.41	78.5	73.4	73.5	74.5	73.3	73.7	69.7	74	72.1	75.7	77.3	73.6	81.9	77.7	71.9
69.62	81.8	77.1	76.6	77.8	76.6	77.2	73.4	77	75.9	79.1	81	77.2	85	81.3	75.6
76.43	85	80.6	79.6	80.9	79.8	80.5	77	79.8	79.6	82.3	84.6	80.8	88	84.7	79.2
83.9	87.8	83.8	82.2	83.7	82.6	83.5	80.4	82.3	82.9	85.2	87.9	84	90.5	87.7	82.5
92.09	90	86.4	84.4	86	84.9	85.9	83.2	84.3	85.8	87.6	90.6	86.7	92.5	90.2	85.3
101.1	91.8	88.6	86.2	87.8	86.8	87.9	85.7	86	88.1	89.6	93	89	94	92.2	87.7
111	93.3	90.4	87.8	89.3	88.4	89.6	87.7	87.4	90.1	91.2	94.9	90.8	95.2	93.8	89.7

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GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

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Coulter data (Kumulativ volum % <)

Løpenr.	**121**	**122**	**123**	**124**	**125**	**126**	**127**	**128**	**129**	**130**	**131**	**132**	**133**	**134**	**135**
NGU prøvenr.	80117	80118	80119	80120	80122	80124	80126	80128	80130	80132	80134	80136	80138	80140	80142
Prøve nr. → Diameter(µm) ↓	R1146MC011KA 11-12cm	R1146MC011KA12-13cm	R1146MC011KA 13-14cm	R1146MC011KA 14-15cm	R1146MC011KA 16-17cm	R1146MC011KA 18-19cm	R1146MC011KA 20-21cm	R1146MC011KA 22-23cm	R1146MC011KA 24-25cm	R1146MC011KA 26-27cm	R1146MC011KA 28-29cm	R1146MC011KA 30-31cm	R1146MC011KA 32-33cm	R1146MC011KA 34-35cm	R1146MC011KA 36-37cm
121.8	94.6	92	89.2	90.6	89.9	91.1	89.6	88.7	91.7	92.7	96.6	92.4	96.2	95.2	91.4
133.7	95.8	93.5	90.5	91.8	91.3	92.6	91.3	90	93.3	94.1	98	93.9	97.2	96.4	92.9
146.8	97	94.9	91.9	93	92.7	94	92.8	91.3	94.7	95.4	99	95.2	98.2	97.5	94.4
161.2	98.1	96.2	93.2	94.1	94	95.2	94.2	92.5	96	96.6	99.6	96.3	99	98.5	95.6
176.8	98.9	97.2	94.2	95	95.2	96.3	95.4	93.6	97	97.6	99.9	97.1	99.6	99.2	96.6
194.2	99.5	97.9	95.1	95.7	96.1	97.1	96.3	94.5	97.8	98.2	100	97.7	99.9	99.7	97.4
213.2	99.8	98.4	95.7	96.2	96.8	97.7	96.9	95.2	98.3	98.6	100	98.1	100	99.9	97.9
234.1	100	98.7	96.1	96.6	97.2	98.1	97.4	95.7	98.6	98.8	100	98.3	100	100	98.2
256.8	100	98.9	96.4	96.8	97.5	98.4	97.7	96.1	98.7	98.9	100	98.5	100	100	98.4
282.1	100	99.1	96.8	97.1	97.8	98.6	97.9	96.5	98.8	98.9	100	98.6	100	100	98.6
309.6	100	99.2	97.1	97.3	98	98.7	98.2	96.8	98.8	99	100	98.8	100	100	98.8
339.8	100	99.3	97.4	97.5	98.2	98.9	98.4	97.2	98.9	99	100	99	100	100	99
373.1	100	99.4	97.7	97.7	98.4	99	98.6	97.5	99	99.1	100	99.2	100	100	99.1
409.6	100	99.5	97.9	98	98.6	99.2	98.8	97.7	99.1	99.3	100	99.4	100	100	99.3
449.7	100	99.6	98.1	98.3	98.8	99.4	99	97.9	99.3	99.5	100	99.6	100	100	99.5
493.6	100	99.8	98.2	98.5	98.9	99.5	99.2	98.1	99.4	99.7	100	99.8	100	100	99.7
541.9	100	99.9	98.3	98.7	99.1	99.6	99.3	98.4	99.6	99.8	100	99.9	100	100	99.8
594.9	100	99.9	98.4	98.9	99.2	99.7	99.4	98.6	99.7	99.9	100	100	100	100	99.9
653	100	100	98.6	99.1	99.4	99.8	99.5	98.9	99.8	100	100	100	100	100	100
716.9	100	100	98.9	99.3	99.5	99.8	99.6	99.2	99.9	100	100	100	100	100	100
786.9	100	100	99.3	99.6	99.7	99.9	99.7	99.5	99.9	100	100	100	100	100	100
863.9	100	100	99.7	99.8	99.9	100	99.9	99.8	100	100	100	100	100	100	100
948.2	100	100	99.9	100	100	100	100	100	100	100	100	100	100	100	100
1041	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1143	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1255	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

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GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

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Coulter data (Kumulativ volum % <)

Løpenr.	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150
NGU prøvenr.	80144			80186	80187	80188	80189	80190	80191	80192	80193	80194	80195	80196	80197
Prøve nr. → Diameter(µm) ↓	R1146MC011KA 38-39cm	Standard Hynne	MINN standard	R1165MC012KA 0-1cm	R1165MC012KA 1-2cm	R1165MC012KA 2-3cm	R1165MC012KA3-4cm	R1165MC012KA 4-5cm	R1165MC012KA 5-6cm	R1165MC012KA 6-7cm	R1165MC012KA 7-8cm	R1165MC012KA 8-9cm	R1165MC012KA 9-10cm	R1165MC012KA 10-11cm	R1165MC012KA 11-12cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0.016	0	0	0	0	0	0	0	0	0	0	0	0
0.452	0	0	0.045	0	0	0	0	0	0	0	0	0	0	0	0
0.496	0	0	0.087	0	0.000015	0	0.000025	0	0	0	0.000049	0.00017	0.00014	0	0.000048
0.545	0.00028	0	0.15	0	0.00073	0	0.00086	0.00018	0.00017	0.00014	0.0012	0.0025	0.0022	0.00017	0.0011
0.598	0.0039	0.00022	0.22	0.00051	0.0071	0.00022	0.0077	0.003	0.0029	0.0024	0.009	0.016	0.014	0.0029	0.0089
0.657	0.024	0.0036	0.31	0.0067	0.034	0.0037	0.035	0.019	0.019	0.016	0.037	0.053	0.049	0.019	0.037
0.721	0.078	0.024	0.42	0.039	0.1	0.024	0.1	0.07	0.067	0.058	0.1	0.13	0.12	0.067	0.1
0.791	0.18	0.088	0.53	0.12	0.23	0.088	0.22	0.17	0.17	0.15	0.22	0.26	0.24	0.17	0.22
0.869	0.36	0.22	0.66	0.29	0.43	0.23	0.42	0.35	0.34	0.3	0.41	0.46	0.43	0.34	0.4
0.953	0.61	0.45	0.8	0.55	0.72	0.46	0.7	0.62	0.6	0.52	0.68	0.73	0.69	0.6	0.67
1.047	0.95	0.8	0.95	0.92	1.12	0.81	1.08	0.99	0.96	0.84	1.04	1.1	1.05	0.95	1.03
1.149	1.4	1.28	1.1	1.42	1.64	1.3	1.57	1.48	1.44	1.26	1.51	1.57	1.5	1.43	1.49
1.261	1.97	1.9	1.27	2.06	2.28	1.93	2.19	2.09	2.04	1.8	2.1	2.14	2.05	2.03	2.07
1.385	2.63	2.67	1.44	2.83	3.04	2.72	2.92	2.83	2.76	2.44	2.79	2.82	2.71	2.74	2.75
1.52	3.39	3.58	1.62	3.74	3.9	3.65	3.75	3.68	3.58	3.18	3.57	3.59	3.45	3.57	3.53
1.669	4.23	4.61	1.81	4.75	4.86	4.71	4.67	4.62	4.51	4.01	4.44	4.43	4.27	4.49	4.39
1.832	5.13	5.73	2.01	5.85	5.88	5.86	5.65	5.63	5.5	4.91	5.38	5.33	5.14	5.48	5.31
2.01	6.08	6.93	2.22	7.02	6.95	7.09	6.69	6.7	6.54	5.86	6.36	6.27	6.06	6.53	6.27
2.207	7.04	8.17	2.45	8.23	8.05	8.38	7.74	7.79	7.62	6.85	7.36	7.24	7.01	7.61	7.27
2.423	8.02	9.47	2.7	9.47	9.16	9.7	8.82	8.9	8.72	7.87	8.38	8.22	7.97	8.72	8.28
2.66	9.01	10.8	2.98	10.7	10.3	11.1	9.9	10	9.83	8.92	9.42	9.21	8.95	9.84	9.3
2.92	10	12.2	3.28	12	11.4	12.4	11	11.1	11	9.99	10.5	10.2	9.95	11	10.3
3.206	11	13.6	3.62	13.4	12.6	13.8	12.1	12.3	12.1	11.1	11.6	11.3	11	12.2	11.4
3.519	12.1	15.2	3.99	14.8	13.8	15.3	13.3	13.5	13.3	12.2	12.7	12.3	12	13.4	12.5
3.862	13.2	16.8	4.41	16.2	15	16.8	14.4	14.7	14.5	13.4	13.8	13.4	13.1	14.6	13.6
4.241	14.3	18.4	4.87	17.6	16.2	18.3	15.6	15.9	15.7	14.6	15	14.5	14.2	15.9	14.7
4.656	15.4	20.2	5.39	19.1	17.5	19.8	16.9	17.2	17	15.9	16.2	15.7	15.3	17.2	15.9
5.111	16.6	22	5.97	20.7	18.8	21.4	18.1	18.5	18.3	17.2	17.4	16.9	16.5	18.5	17.1
5.611	17.8	23.9	6.61	22.2	20.1	23	19.4	19.9	19.6	18.6	18.7	18.1	17.7	19.9	18.4
6.158	19	25.8	7.32	23.8	21.5	24.5	20.8	21.3	21	20	20	19.4	19	21.4	19.7
6.761	20.3	27.8	8.09	25.5	22.9	26.1	22.2	22.7	22.4	21.5	21.4	20.7	20.3	22.8	21
7.421	21.6	29.8	8.95	27.1	24.3	27.7	23.6	24.2	23.9	23	22.8	22.1	21.6	24.3	22.4
8.147	22.9	31.8	9.88	28.7	25.7	29.3	25	25.7	25.4	24.5	24.2	23.5	23	25.8	23.8
8.944	24.2	33.7	10.9	30.3	27.2	30.9	26.5	27.2	26.9	26.1	25.7	24.9	24.4	27.4	25.2
9.819	25.6	35.7	12	31.9	28.7	32.5	28	28.8	28.4	27.7	27.3	26.5	25.8	29	26.7
10.78	27	37.6	13.2	33.6	30.2	34.2	29.5	30.4	30.1	29.4	28.9	28	27.3	30.7	28.3
11.83	28.4	39.5	14.5	35.2	31.8	35.8	31.2	32.1	31.7	31.1	30.5	29.7	28.9	32.4	29.9
12.99	29.8	41.3	15.9	36.9	33.5	37.5	32.9	33.9	33.5	33	32.3	31.4	30.6	34.2	31.6
14.26	31.4	43.1	17.4	38.7	35.2	39.3	34.7	35.8	35.4	34.9	34.1	33.3	32.4	36.1	33.4
15.65	33.1	45	19.1	40.6	37.1	41.3	36.7	37.8	37.4	37	36.2	35.3	34.3	38.2	35.4
17.18	34.9	47	20.9	42.7	39.2	43.4	38.9	40	39.6	39.2	38.4	37.5	36.4	40.4	37.5
18.86	36.7	49	22.8	44.9	41.4	45.6	41.2	42.4	41.9	41.7	40.7	39.8	38.7	42.8	39.8
20.7	38.7	51	25	47.3	43.7	48	43.6	44.9	44.4	44.2	43.2	42.4	41.1	45.3	42.2
22.73	40.8	53	27.3	49.7	46.2	50.5	46.2	47.5	47	46.9	45.9	45	43.6	48	44.8
24.95	42.9	54.9	29.8	52.3	48.8	53.1	49	50.2	49.7	49.7	48.6	47.8	46.3	50.7	47.5
27.38	45.2	56.7	32.5	55	51.5	55.8	51.8	53.1	52.5	52.7	51.5	50.7	49.2	53.6	50.3
30.07	47.5	58.5	35.4	57.7	54.3	58.7	54.8	56	55.4	55.7	54.5	53.8	52.2	56.5	53.3
33	49.9	60.2	38.3	60.5	57.2	61.5	57.8	58.9	58.3	58.7	57.5	56.9	55.2	59.4	56.3
36.24	52.2	61.8	41.4	63.2	60	64.2	60.8	61.7	61.1	61.7	60.5	59.9	58.2	62.3	59.3
39.77	54.6	63.2	44.6	65.9	62.7	66.9	63.7	64.5	63.8	64.5	63.3	62.8	61.1	65	62.2
43.66	57.1	64.5	47.8	68.5	65.3	69.5	66.5	67	66.4	67.2	66.1	65.6	64	67.6	65
47.93	59.7	65.8	51.1	71.1	68	72	69.3	69.6	69	69.9	68.8	68.4	67	70.2	67.8
52.63	62.6	67.2	54.5	73.9	70.8	74.7	72.3	72.3	71.7	72.7	71.6	71.4	70.1	72.9	70.8
57.77	65.8	68.8	58	76.9	73.8	77.5	75.5	75.1	74.7	75.7	74.7	74.5	73.5	75.8	74
63.41	69.4	70.5	61.6	80	77	80.6	78.9	78.1	77.8	78.8	77.8	77.9	77	78.8	77.4
69.62	73.2	72.4	65.1	83.2	80.2	83.7	82.4	81.2	81	82.1	81.1	81.2	80.6	81.9	80.8
76.43	76.8	74.3	68.5	86.1	83.4	86.6	85.7	84.2	84.1	85.1	84.1	84.4	84.1	84.9	84
83.9	80.2	76	71.7	88.6	86.2	89.2	88.6	86.7	86.8	87.8	86.9	87.3	87.2	87.5	86.9
92.09	83.1	77.4	74.6	90.6	88.5	91.3	91	88.9	89	90	89.2	89.6	89.7	89.7	89.3
101.1	85.5	78.8	77.2	92	90.4	92.9	92.8	90.5	90.8	91.8	91.1	91.5	91.8	91.5	91.3
111	87.5	80.1	79.6	93.1	92	94.3	94.3	91.9	92.2	93.3	92.7	93	93.5	93.1	93

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GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**136**	**137**	**138**	**139**	**140**	**141**	**142**	**143**	**144**	**145**	**146**	**147**	**148**	**149**	**150**
NGU prøvenr.	80144			80186	80187	80188	80189	80190	80191	80192	80193	80194	80195	80196	80197
Prøve nr. → Diameter(µm) ↓	R1146MC011KA 38-39cm	Standard Hynne	MINN standard	R1165MC012KA 0-1cm	R1165MC012KA 1-2cm	R1165MC012KA 2-3cm	R1165MC012KA3-4cm	R1165MC012KA 4-5cm	R1165MC012KA 5-6cm	R1165MC012KA 6-7cm	R1165MC012KA 7-8cm	R1165MC012KA 8-9cm	R1165MC012KA 9-10cm	R1165MC012KA 10-11cm	R1165MC012KA 11-12cm
121.8	89.4	81.5	81.8	94	93.4	95.4	95.6	93.2	93.5	94.8	94.3	94.4	94.9	94.5	94.5
133.7	91.1	83	84	94.8	94.8	96.6	96.8	94.4	94.8	96.2	95.7	95.7	96.2	95.9	95.9
146.8	92.7	84.6	86.1	95.5	96	97.6	97.9	95.6	96	97.5	97.1	97	97.4	97.2	97.3
161.2	94.2	86.2	88	96.2	97.1	98.5	98.8	96.6	97.1	98.6	98.3	98.1	98.4	98.3	98.4
176.8	95.4	87.6	89.7	96.7	97.9	99.3	99.4	97.4	98	99.4	99.2	99	99.2	99.2	99.2
194.2	96.4	88.8	91.1	97	98.5	99.7	99.8	98	98.6	99.8	99.7	99.6	99.7	99.7	99.7
213.2	97.1	89.7	92.3	97.2	98.8	99.9	100	98.4	99	100	99.9	99.9	99.9	99.9	99.9
234.1	97.6	90.5	93.3	97.3	99	100	100	98.6	99.2	100	100	100	100	100	100
256.8	97.9	91.1	94	97.4	99.1	100	100	98.8	99.3	100	100	100	100	100	100
282.1	98.2	91.7	94.6	97.4	99.1	100	100	98.9	99.4	100	100	100	100	100	100
309.6	98.4	92.2	95.2	97.5	99.2	100	100	99	99.4	100	100	100	100	100	100
339.8	98.6	92.8	95.6	97.6	99.2	100	100	99.2	99.5	100	100	100	100	100	100
373.1	98.8	93.4	96.1	97.6	99.3	100	100	99.4	99.7	100	100	100	100	100	100
409.6	98.9	94	96.6	97.7	99.4	100	100	99.6	99.8	100	100	100	100	100	100
449.7	99.1	94.6	97	97.8	99.6	100	100	99.7	99.9	100	100	100	100	100	100
493.6	99.2	95.2	97.4	97.9	99.7	100	100	99.8	100	100	100	100	100	100	100
541.9	99.4	95.8	97.8	98.2	99.8	100	100	99.9	100	100	100	100	100	100	100
594.9	99.5	96.5	98.1	98.5	99.9	100	100	100	100	100	100	100	100	100	100
653	99.6	97.2	98.3	98.9	100	100	100	100	100	100	100	100	100	100	100
716.9	99.7	98	98.5	99.2	100	100	100	100	100	100	100	100	100	100	100
786.9	99.8	98.9	98.7	99.5	100	100	100	100	100	100	100	100	100	100	100
863.9	99.9	99.6	98.9	99.8	100	100	100	100	100	100	100	100	100	100	100
948.2	100	99.9	99.1	100	100	100	100	100	100	100	100	100	100	100	100
1041	100	100	99.4	100	100	100	100	100	100	100	100	100	100	100	100
1143	100	100	99.6	100	100	100	100	100	100	100	100	100	100	100	100
1255	100	100	99.8	100	100	100	100	100	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

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GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**151**	**152**	**153**	**154**	**155**	**156**	**157**	**158**	**159**	**160**	**161**	**162**	**163**	**164**	**165**
NGU prøvenr.	80198	80199	80200	80202	80204	80206	80208	80210	80212	80214	80216	80218	80220	80222	80224
Prøve nr. → Diameter(µm) ↓	R1165MC012KA12-13cm	R1165MC012KA 13-14cm	R1165MC012KA 14-15cm	R1165MC012KA 16-17cm	R1165MC012KA 18-19cm	R1165MC012KA 20-21cm	R1165MC012KA 22-23cm	R1165MC012KA 24-25cm	R1165MC012KA 26-27cm	R1165MC012KA 28-29cm	R1165MC012KA 30-31cm	R1165MC012KA 32-33cm	R1165MC012KA 34-35cm	R1165MC012KA 36-37cm	R1165MC012KA 38-39cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.452	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.496	0.0001	0.00013	0.00014	0	0	0	0.000076	0	0	0	0	0	0	0	0.00005
0.545	0.0018	0.0021	0.0021	0.00026	0.00021	0.00031	0.0015	0.00019	0.00016	0.000083	0.00019	0.000061	0	0.00027	0.0011
0.598	0.012	0.014	0.014	0.004	0.0034	0.0044	0.011	0.0031	0.0027	0.0018	0.003	0.0015	0.00035	0.0039	0.0088
0.657	0.046	0.048	0.049	0.024	0.021	0.026	0.043	0.02	0.018	0.013	0.019	0.011	0.0048	0.023	0.036
0.721	0.12	0.12	0.12	0.083	0.074	0.085	0.11	0.071	0.065	0.053	0.065	0.045	0.029	0.076	0.099
0.791	0.25	0.25	0.25	0.2	0.18	0.2	0.24	0.18	0.16	0.14	0.16	0.12	0.094	0.18	0.21
0.869	0.44	0.44	0.44	0.4	0.36	0.38	0.44	0.35	0.33	0.3	0.31	0.26	0.22	0.35	0.39
0.953	0.73	0.71	0.71	0.68	0.62	0.65	0.72	0.62	0.59	0.54	0.54	0.47	0.43	0.59	0.65
1.047	1.11	1.08	1.07	1.08	0.99	1.01	1.11	0.98	0.94	0.88	0.86	0.77	0.73	0.93	0.99
1.149	1.6	1.55	1.53	1.6	1.48	1.49	1.6	1.47	1.41	1.34	1.29	1.17	1.14	1.36	1.44
1.261	2.2	2.12	2.1	2.25	2.09	2.07	2.21	2.08	2	1.91	1.82	1.68	1.66	1.91	2
1.385	2.91	2.8	2.77	3.02	2.82	2.78	2.93	2.81	2.71	2.61	2.46	2.3	2.31	2.56	2.65
1.52	3.72	3.57	3.53	3.91	3.66	3.58	3.75	3.64	3.53	3.42	3.19	3.02	3.06	3.31	3.4
1.669	4.61	4.42	4.37	4.89	4.6	4.46	4.65	4.58	4.43	4.32	4	3.83	3.91	4.13	4.23
1.832	5.57	5.33	5.26	5.93	5.6	5.41	5.61	5.57	5.41	5.29	4.88	4.7	4.84	5.02	5.12
2.01	6.57	6.29	6.2	7.03	6.66	6.41	6.61	6.62	6.45	6.32	5.81	5.64	5.84	5.96	6.05
2.207	7.59	7.27	7.16	8.15	7.76	7.43	7.64	7.7	7.51	7.38	6.77	6.6	6.88	6.92	7
2.423	8.63	8.26	8.14	9.29	8.87	8.47	8.68	8.8	8.6	8.47	7.75	7.6	7.95	7.91	7.97
2.66	9.69	9.28	9.12	10.4	10	9.52	9.73	9.91	9.69	9.57	8.74	8.62	9.05	8.91	8.95
2.92	10.8	10.3	10.1	11.6	11.1	10.6	10.8	11	10.8	10.7	9.75	9.66	10.2	9.94	9.94
3.206	11.9	11.3	11.1	12.8	12.3	11.7	11.9	12.2	12	11.8	10.8	10.7	11.3	11	11
3.519	13	12.4	12.2	14	13.5	12.8	13	13.3	13.1	13	11.8	11.8	12.5	12.1	12
3.862	14.1	13.5	13.3	15.2	14.7	13.9	14.2	14.5	14.3	14.2	12.9	12.9	13.8	13.2	13
4.241	15.3	14.7	14.4	16.5	16	15.1	15.4	15.8	15.5	15.4	14	14.1	15	14.3	14.1
4.656	16.6	15.8	15.5	17.8	17.3	16.3	16.6	17	16.8	16.7	15.1	15.3	16.3	15.5	15.2
5.111	17.8	17	16.7	19.1	18.6	17.5	17.9	18.4	18.1	18	16.3	16.5	17.6	16.7	16.4
5.611	19.1	18.3	17.9	20.6	19.9	18.8	19.2	19.7	19.4	19.4	17.4	17.7	19	18	17.6
6.158	20.5	19.6	19.2	22	21.3	20.1	20.6	21.1	20.8	20.7	18.6	19	20.4	19.3	18.8
6.761	21.9	20.9	20.4	23.5	22.7	21.5	22	22.5	22.2	22.1	19.9	20.3	21.8	20.6	20.1
7.421	23.4	22.3	21.8	25	24.2	22.9	23.4	23.9	23.6	23.6	21.1	21.6	23.2	22	21.4
8.147	24.9	23.6	23.1	26.6	25.7	24.3	24.9	25.4	25.1	25	22.4	22.9	24.7	23.4	22.7
8.944	26.4	25.1	24.5	28.2	27.2	25.7	26.5	26.9	26.6	26.5	23.7	24.2	26.1	24.9	24
9.819	28	26.6	26	29.9	28.8	27.2	28.1	28.5	28.1	28	25	25.6	27.6	26.4	25.4
10.78	29.6	28.1	27.5	31.6	30.4	28.8	29.7	30.1	29.7	29.6	26.4	27	29.2	27.9	26.9
11.83	31.4	29.8	29	33.3	32.1	30.4	31.4	31.7	31.3	31.3	27.9	28.4	30.7	29.6	28.4
12.99	33.2	31.5	30.7	35.2	33.9	32	33.2	33.4	33	33	29.4	29.9	32.4	31.3	30
14.26	35.1	33.3	32.4	37.2	35.8	33.8	35.1	35.3	34.8	34.8	31	31.5	34.1	33.1	31.8
15.65	37.2	35.3	34.4	39.4	37.9	35.8	37.2	37.3	36.8	36.8	32.8	33.2	36	35	33.6
17.18	39.5	37.5	36.5	41.7	40.2	37.9	39.4	39.5	38.9	39	34.7	35.1	38	37.1	35.7
18.86	41.9	39.8	38.7	44.2	42.7	40.1	41.8	41.8	41.2	41.3	36.8	37.1	40.2	39.4	37.8
20.7	44.4	42.3	41.2	46.8	45.3	42.5	44.3	44.2	43.6	43.8	39	39.3	42.5	41.7	40.1
22.73	47.1	44.9	43.7	49.5	48.1	45	46.9	46.8	46.1	46.4	41.4	41.6	45	44.3	42.6
24.95	49.9	47.7	46.5	52.4	51.1	47.7	49.7	49.5	48.8	49.1	43.9	44	47.6	46.9	45.1
27.38	52.9	50.6	49.4	55.4	54.1	50.5	52.5	52.3	51.6	52	46.6	46.6	50.3	49.7	47.8
30.07	55.9	53.7	52.4	58.4	57.3	53.4	55.5	55.2	54.5	55	49.4	49.4	53.1	52.5	50.7
33	59	56.8	55.6	61.5	60.6	56.3	58.5	58.1	57.4	58	52.3	52.2	56	55.4	53.5
36.24	61.9	59.9	58.7	64.4	63.7	59.2	61.3	60.9	60.2	61	55.2	55	58.8	58.3	56.3
39.77	64.8	62.9	61.8	67.2	66.8	62	64.1	63.6	63	63.8	58.1	57.7	61.6	61.1	59.1
43.66	67.5	65.8	64.8	69.9	69.7	64.7	66.7	66.3	65.7	66.6	61	60.5	64.3	63.8	61.9
47.93	70.3	68.7	67.9	72.5	72.5	67.5	69.4	69	68.5	69.4	64	63.4	67	66.6	64.8
52.63	73.1	71.8	71.1	75.2	75.5	70.5	72.1	71.7	71.3	72.3	67.3	66.6	69.9	69.5	67.9
57.77	76.1	75	74.6	78.1	78.6	73.7	75.1	74.7	74.4	75.5	70.8	70	73.1	72.7	71.2
63.41	79.3	78.4	78.2	81.1	81.8	77.2	78.2	78	77.8	78.9	74.7	73.8	76.5	76.1	74.9
69.62	82.4	81.9	81.9	84.1	84.9	80.8	81.5	81.3	81.2	82.3	78.6	77.7	80.1	79.7	78.7
76.43	85.4	85.1	85.3	87	87.9	84.3	84.5	84.4	84.5	85.5	82.5	81.5	83.5	83.1	82.3
83.9	88.1	87.9	88.2	89.5	90.4	87.4	87.3	87.2	87.4	88.4	85.9	85	86.7	86.3	85.6
92.09	90.2	90.3	90.7	91.5	92.4	90.1	89.6	89.5	89.9	90.8	88.9	87.9	89.3	88.9	88.4
101.1	92	92.2	92.6	93	94	92.3	91.4	91.4	92	92.7	91.3	90.4	91.4	91.2	90.7
111	93.4	93.8	94.1	94.3	95.3	94.1	93	93	93.8	94.2	93.3	92.4	93.2	93	92.6

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GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**151**	**152**	**153**	**154**	**155**	**156**	**157**	**158**	**159**	**160**	**161**	**162**	**163**	**164**	**165**
NGU prøvenr.	80198	80199	80200	80202	80204	80206	80208	80210	80212	80214	80216	80218	80220	80222	80224
Prøve nr. → Diameter(µm) ↓	R1165MC012KA12-13cm	R1165MC012KA 13-14cm	R1165MC012KA 14-15cm	R1165MC012KA 16-17cm	R1165MC012KA 18-19cm	R1165MC012KA 20-21cm	R1165MC012KA 22-23cm	R1165MC012KA 24-25cm	R1165MC012KA 26-27cm	R1165MC012KA 28-29cm	R1165MC012KA 30-31cm	R1165MC012KA 32-33cm	R1165MC012KA 34-35cm	R1165MC012KA 36-37cm	R1165MC012KA 38-39cm
121.8	94.8	95.2	95.4	95.5	96.4	95.7	94.4	94.4	95.3	95.6	95	94.1	94.7	94.6	94.3
133.7	96.1	96.5	96.7	96.6	97.4	97	95.8	95.8	96.8	96.9	96.5	95.6	96.1	96.1	95.8
146.8	97.3	97.8	97.8	97.7	98.4	98.1	97.1	97.1	98	98	97.8	96.9	97.3	97.4	97.1
161.2	98.4	98.8	98.8	98.6	99.1	99	98.2	98.3	99	98.9	98.9	98.1	98.4	98.4	98.2
176.8	99.2	99.5	99.5	99.3	99.7	99.6	99.1	99.1	99.6	99.5	99.5	99	99.1	99.2	99.1
194.2	99.7	99.8	99.8	99.8	99.9	99.9	99.6	99.7	99.9	99.9	99.9	99.6	99.7	99.7	99.6
213.2	99.9	100	100	99.9	100	100	99.9	99.9	100	100	100	99.9	99.9	99.9	99.9
234.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
256.8	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
282.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
309.6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
339.8	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
373.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
409.6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
449.7	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
493.6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
541.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
594.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
653	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
716.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
786.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
863.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
948.2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1041	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1143	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1255	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

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Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180
NGU prøvenr.	80226	80228			80269	80308	80371	80372	80373	80374	80375	80376	80377	80378	80379
Prøve nr. → Diameter(µm) ↓	R1165MC012KA 40-41cm	R1165MC012KA 42-43cm	Standard Hynne	MINN standard	R1174MC013KA 0-1cm	R1180MC014KA 0-1cm	R1186MC015KA 0-1cm	R1186MC015KA 1-2cm	R1186MC015KA 2-3cm	R1186MC015KA 3-4cm	R1186MC015KA 4-5cm	R1186MC015KA 5-6cm	R1186MC015KA 6-7cm	R1186MC015KA 7-8cm	R1186MC015KA 8-9cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0	0.016	0	0	0	0	0	0	0	0.0015	0	0	0
0.452	0	0	0	0.045	0	0	0	0	0	0	0	0.0033	0	0	0
0.496	0	0.00011	0	0.089	0	0.00021	0.00018	0.00011	0	0.00026	0.00025	0.0074	0.00028	0.0002	0.00028
0.545	0	0.0019	0	0.15	0.0003	0.0031	0.0027	0.0019	0	0.0035	0.0033	0.018	0.0037	0.0029	0.0036
0.598	0.00045	0.013	0.00021	0.23	0.0043	0.019	0.017	0.013	0.00011	0.021	0.02	0.047	0.021	0.017	0.021
0.657	0.006	0.048	0.0034	0.32	0.026	0.063	0.058	0.049	0.0023	0.067	0.063	0.1	0.066	0.058	0.065
0.721	0.035	0.12	0.023	0.42	0.086	0.15	0.14	0.13	0.017	0.16	0.15	0.2	0.15	0.14	0.15
0.791	0.11	0.25	0.083	0.54	0.21	0.3	0.29	0.26	0.069	0.3	0.28	0.35	0.29	0.27	0.28
0.869	0.27	0.45	0.21	0.67	0.4	0.52	0.5	0.47	0.19	0.51	0.48	0.55	0.49	0.47	0.47
0.953	0.51	0.74	0.43	0.81	0.68	0.83	0.81	0.77	0.4	0.81	0.76	0.83	0.76	0.74	0.74
1.047	0.85	1.12	0.75	0.96	1.07	1.25	1.22	1.18	0.72	1.21	1.13	1.2	1.12	1.11	1.09
1.149	1.32	1.61	1.21	1.11	1.58	1.78	1.74	1.7	1.18	1.7	1.6	1.66	1.58	1.57	1.53
1.261	1.92	2.22	1.8	1.28	2.21	2.43	2.37	2.34	1.78	2.31	2.16	2.2	2.13	2.14	2.06
1.385	2.65	2.93	2.53	1.45	2.97	3.2	3.12	3.1	2.54	3.02	2.83	2.84	2.77	2.81	2.68
1.52	3.5	3.74	3.39	1.63	3.84	4.06	3.97	3.97	3.44	3.82	3.58	3.55	3.5	3.57	3.38
1.669	4.45	4.63	4.37	1.82	4.8	5.02	4.89	4.92	4.47	4.7	4.41	4.33	4.3	4.41	4.15
1.832	5.48	5.57	5.44	2.02	5.84	6.05	5.88	5.95	5.6	5.64	5.29	5.16	5.15	5.3	4.97
2.01	6.57	6.57	6.58	2.24	6.93	7.12	6.91	7.02	6.83	6.62	6.22	6.03	6.05	6.24	5.84
2.207	7.7	7.58	7.78	2.47	8.05	8.23	7.96	8.13	8.11	7.63	7.17	6.93	6.97	7.2	6.73
2.423	8.85	8.61	9.03	2.72	9.18	9.37	9.02	9.26	9.45	8.65	8.14	7.84	7.92	8.18	7.63
2.66	10	9.66	10.3	2.99	10.3	10.5	10.1	10.4	10.8	9.69	9.12	8.76	8.87	9.17	8.55
2.92	11.2	10.7	11.7	3.3	11.5	11.7	11.2	11.6	12.3	10.8	10.1	9.7	9.84	10.2	9.49
3.206	12.4	11.8	13.1	3.64	12.7	12.9	12.3	12.8	13.7	11.8	11.2	10.7	10.8	11.2	10.4
3.519	13.6	12.9	14.6	4.01	13.9	14.2	13.4	14	15.2	12.9	12.2	11.7	11.9	12.3	11.4
3.862	14.9	14	16.1	4.43	15.2	15.5	14.6	15.2	16.8	14.1	13.3	12.7	12.9	13.4	12.4
4.241	16.2	15.2	17.7	4.9	16.5	16.8	15.8	16.5	18.4	15.3	14.4	13.7	14	14.5	13.5
4.656	17.5	16.4	19.4	5.42	17.8	18.2	17	17.8	20.1	16.5	15.6	14.8	15.1	15.6	14.5
5.111	18.8	17.7	21.2	6	19.1	19.6	18.3	19.2	21.7	17.8	16.8	16	16.2	16.8	15.7
5.611	20.2	19	23	6.64	20.5	21	19.7	20.6	23.5	19.1	18	17.2	17.4	18.1	16.8
6.158	21.7	20.4	24.9	7.35	22	22.5	21	22	25.2	20.4	19.3	18.4	18.7	19.4	18
6.761	23.1	21.8	26.8	8.14	23.4	24.1	22.5	23.5	27	21.9	20.7	19.7	20	20.7	19.3
7.421	24.5	23.2	28.7	8.99	24.9	25.7	24	25	28.7	23.3	22.1	21.1	21.3	22.1	20.6
8.147	26	24.7	30.7	9.93	26.4	27.3	25.5	26.6	30.5	24.8	23.5	22.5	22.7	23.6	22
8.944	27.5	26.2	32.6	10.9	28	28.9	27.1	28.2	32.2	26.4	25.1	24.1	24.2	25.1	23.4
9.819	29.1	27.8	34.5	12.1	29.5	30.6	28.7	29.9	34	28	26.7	25.6	25.7	26.7	24.9
10.78	30.7	29.5	36.4	13.2	31.1	32.4	30.4	31.6	35.8	29.7	28.3	27.3	27.4	28.4	26.5
11.83	32.3	31.2	38.2	14.5	32.8	34.3	32.2	33.4	37.6	31.5	30.1	29.1	29.1	30.2	28.2
12.99	34	33	40	16	34.6	36.2	34.1	35.3	39.5	33.4	31.9	31	31	32.2	30.1
14.26	35.9	35	41.8	17.5	36.4	38.3	36.1	37.3	41.4	35.5	34	33.1	33	34.3	32
15.65	37.8	37.1	43.7	19.1	38.5	40.6	38.4	39.5	43.6	37.7	36.2	35.4	35.2	36.6	34.2
17.18	40	39.3	45.6	20.9	40.7	43.1	40.8	42	45.9	40.2	38.6	37.9	37.6	39.1	36.6
18.86	42.3	41.8	47.5	22.9	43.1	45.7	43.4	44.5	48.4	42.8	41.2	40.6	40.2	41.8	39.2
20.7	44.7	44.3	49.5	25.1	45.6	48.5	46.1	47.3	51	45.6	43.9	43.5	43	44.7	42
22.73	47.2	47	51.4	27.4	48.2	51.5	49	50.2	53.8	48.6	46.9	46.7	46.1	47.9	45
24.95	49.8	49.8	53.2	29.9	51	54.6	52.1	53.3	56.7	51.7	50.1	50	49.3	51.2	48.3
27.38	52.6	52.8	55	32.6	53.8	57.8	55.3	56.5	59.7	55	53.4	53.6	52.8	54.8	51.7
30.07	55.4	55.8	56.7	35.4	56.8	61.1	58.6	59.9	62.8	58.5	56.9	57.3	56.5	58.6	55.4
33	58.2	58.8	58.4	38.4	59.8	64.4	62.1	63.3	66	62	60.5	61.1	60.2	62.4	59.3
36.24	61	61.8	59.9	41.5	62.8	67.6	65.5	66.7	69.2	65.6	64.1	65	64	66.3	63.2
39.77	63.7	64.6	61.3	44.7	65.6	70.6	68.8	69.9	72.2	69	67.6	68.6	67.7	70	67
43.66	66.3	67.4	62.7	47.9	68.3	73.4	71.9	73	75.1	72.2	70.9	72.1	71.2	73.6	70.6
47.93	68.9	70.1	64	51.2	70.9	76	74.9	75.9	77.8	75.4	74.1	75.5	74.7	77	74.1
52.63	71.6	73	65.4	54.5	73.4	78.5	77.9	78.7	80.5	78.4	77.3	78.7	78	80.3	77.5
57.77	74.6	76.1	67	58.1	76	80.9	80.8	81.5	83.2	81.4	80.4	81.8	81.2	83.4	80.8
63.41	77.8	79.3	68.7	61.6	78.5	83.3	83.7	84.2	85.8	84.3	83.3	84.7	84.3	86.4	84
69.62	81.2	82.7	70.6	65.2	80.9	85.5	86.3	86.7	88.3	87	86.1	87.4	87.1	89.1	86.8
76.43	84.3	85.8	72.5	68.6	82.9	87.4	88.7	88.8	90.3	89.2	88.5	89.6	89.5	91.4	89.2
83.9	87.1	88.5	74.2	71.7	84.6	88.8	90.5	90.4	91.9	91	90.4	91.3	91.3	93.1	91
92.09	89.5	90.7	75.7	74.6	85.9	89.8	91.9	91.5	93.1	92.3	91.8	92.6	92.7	94.3	92.4
101.1	91.4	92.4	77.1	77.1	87	90.6	93	92.4	94	93.3	92.9	93.5	93.7	95.2	93.4
111	92.9	93.8	78.5	79.5	88	91.2	93.8	93.1	94.7	94.2	94	94.3	94.6	95.9	94.3

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NGU prøvenr.	80226	80228			80269	80308	80371	80372	80373	80374	80375	80376	80377	80378	80379
Prøve nr. → Diameter(µm) ↓	R1165MC012KA 40-41cm	R1165MC012KA 42-43cm	Standard Hynne	MINN standard	R1174MC013KA 0-1cm	R1180MC014KA 0-1cm	R1186MC015KA 0-1cm	R1186MC015KA 1-2cm	R1186MC015KA 2-3cm	R1186MC015KA 3-4cm	R1186MC015KA 4-5cm	R1186MC015KA 5-6cm	R1186MC015KA 6-7cm	R1186MC015KA 7-8cm	R1186MC015KA 8-9cm
121.8	94.3	95	79.9	81.7	89.1	91.9	94.7	93.9	95.5	95.1	95	95.2	95.6	96.7	95.2
133.7	95.7	96.2	81.6	83.8	90.4	92.7	95.8	94.9	96.5	96.2	96.2	96.3	96.6	97.6	96.2
146.8	96.9	97.3	83.3	85.9	92	93.7	96.9	96	97.5	97.4	97.5	97.4	97.7	98.5	97.3
161.2	98	98.4	85	87.8	93.6	94.8	98	97	98.5	98.4	98.6	98.4	98.7	99.2	98.3
176.8	98.9	99.1	86.6	89.5	95	95.7	98.9	97.9	99.2	99.2	99.4	99.2	99.5	99.7	99.1
194.2	99.5	99.7	87.9	90.9	96.2	96.3	99.6	98.5	99.7	99.7	99.8	99.7	99.8	99.9	99.6
213.2	99.8	99.9	89	92.1	97.1	96.8	99.9	98.8	99.9	99.9	100	99.9	100	100	99.9
234.1	100	100	89.8	93.1	97.8	97.2	100	98.9	100	100	100	100	100	100	100
256.8	100	100	90.5	94	98.2	97.4	100	99	100	100	100	100	100	100	100
282.1	100	100	91.2	94.6	98.6	97.6	100	99	100	100	100	100	100	100	100
309.6	100	100	91.7	95.2	98.8	97.9	100	99.1	100	100	100	100	100	100	100
339.8	100	100	92.3	95.7	99	98.1	100	99.1	100	100	100	100	100	100	100
373.1	100	100	92.9	96.2	99.2	98.3	100	99.2	100	100	100	100	100	100	100
409.6	100	100	93.5	96.7	99.4	98.5	100	99.3	100	100	100	100	100	100	100
449.7	100	100	94.1	97.1	99.6	98.7	100	99.4	100	100	100	100	100	100	100
493.6	100	100	94.8	97.5	99.8	98.9	100	99.5	100	100	100	100	100	100	100
541.9	100	100	95.5	97.9	99.9	99.1	100	99.6	100	100	100	100	100	100	100
594.9	100	100	96.3	98.2	100	99.3	100	99.7	100	100	100	100	100	100	100
653	100	100	97.1	98.5	100	99.5	100	99.8	100	100	100	100	100	100	100
716.9	100	100	98	98.7	100	99.7	100	99.9	100	100	100	100	100	100	100
786.9	100	100	98.9	98.9	100	99.8	100	99.9	100	100	100	100	100	100	100
863.9	100	100	99.5	99.1	100	99.9	100	100	100	100	100	100	100	100	100
948.2	100	100	99.9	99.2	100	100	100	100	100	100	100	100	100	100	100
1041	100	100	100	99.5	100	100	100	100	100	100	100	100	100	100	100
1143	100	100	100	99.7	100	100	100	100	100	100	100	100	100	100	100
1255	100	100	100	99.9	100	100	100	100	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195
NGU prøvenr.	80380	80381	80382	80383	80384	80385	80387	80389	80391	80393	80395	80397	80399	81100	
Prøve nr. → Diameter(µm) ↓	R1186MC015KA 9-10cm	R1186MC015KA 10-11cm	R1186MC015KA 11-12cm	R1186MC015KA12-13cm	R1186MC015KA 13-14cm	R1186MC015KA 14-15cm	R1186MC015KA 16-17cm	R1186MC015KA 18-19cm	R1186MC015KA 20-21cm	R1186MC015KA 22-23cm	R1186MC015KA 24-25cm	R1186MC015KA 26-27cm	R1186MC015KA 28-29cm	R1186MC015KA 30-31cm	Standard Hynne
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0.0019	0	0	0.0013	0	0.0038	0	0	0.00098	0	0	0.00084	0	0	0
0.452	0.0043	0	0	0.0028	0.000009	0.0098	0	0	0.0019	0	0	0.0016	0	0	0
0.496	0.0096	0.00021	0.00024	0.0065	0.00064	0.02	0.00029	0.00034	0.0047	0.00025	0.00029	0.004	0.00012	0.00029	0
0.545	0.023	0.0029	0.0033	0.017	0.006	0.041	0.0037	0.0042	0.014	0.0033	0.0038	0.012	0.0019	0.0038	0
0.598	0.055	0.017	0.02	0.044	0.029	0.082	0.022	0.024	0.04	0.019	0.022	0.037	0.012	0.022	0.00024
0.657	0.12	0.057	0.063	0.1	0.082	0.15	0.068	0.073	0.096	0.062	0.068	0.089	0.044	0.07	0.0038
0.721	0.22	0.14	0.15	0.19	0.18	0.26	0.16	0.16	0.19	0.15	0.16	0.18	0.11	0.16	0.025
0.791	0.38	0.27	0.29	0.34	0.33	0.43	0.3	0.3	0.34	0.28	0.29	0.32	0.22	0.31	0.088
0.869	0.6	0.46	0.49	0.54	0.54	0.65	0.5	0.51	0.55	0.48	0.5	0.52	0.4	0.52	0.22
0.953	0.89	0.72	0.78	0.82	0.83	0.95	0.79	0.78	0.84	0.75	0.77	0.78	0.64	0.82	0.45
1.047	1.28	1.08	1.16	1.18	1.21	1.34	1.16	1.15	1.21	1.11	1.14	1.14	0.97	1.21	0.79
1.149	1.76	1.53	1.64	1.63	1.68	1.81	1.63	1.61	1.68	1.57	1.6	1.58	1.39	1.7	1.25
1.261	2.34	2.09	2.23	2.17	2.26	2.38	2.2	2.16	2.23	2.13	2.16	2.1	1.91	2.3	1.86
1.385	3.01	2.74	2.91	2.8	2.92	3.04	2.86	2.8	2.88	2.78	2.82	2.71	2.52	2.99	2.62
1.52	3.76	3.47	3.68	3.5	3.67	3.78	3.61	3.52	3.62	3.52	3.55	3.4	3.22	3.78	3.5
1.669	4.58	4.29	4.54	4.28	4.49	4.58	4.43	4.3	4.41	4.33	4.36	4.15	3.98	4.64	4.51
1.832	5.46	5.16	5.44	5.1	5.37	5.45	5.31	5.15	5.27	5.2	5.23	4.96	4.81	5.56	5.6
2.01	6.37	6.07	6.39	5.97	6.28	6.35	6.23	6.02	6.15	6.11	6.14	5.79	5.67	6.52	6.78
2.207	7.31	7.01	7.37	6.86	7.22	7.28	7.17	6.92	7.07	7.04	7.07	6.65	6.55	7.51	8.01
2.423	8.27	7.97	8.36	7.76	8.18	8.23	8.12	7.84	8	7.99	8.02	7.52	7.46	8.51	9.29
2.66	9.25	8.94	9.36	8.68	9.15	9.2	9.09	8.77	8.94	8.95	8.98	8.4	8.37	9.53	10.6
2.92	10.2	9.93	10.4	9.62	10.1	10.2	10.1	9.72	9.9	9.92	9.96	9.3	9.3	10.6	12
3.206	11.3	10.9	11.4	10.6	11.1	11.2	11.1	10.7	10.9	10.9	11	10.2	10.3	11.6	13.4
3.519	12.3	12	12.5	11.6	12.2	12.2	12.1	11.7	11.9	11.9	12	11.2	11.2	12.7	14.9
3.862	13.4	13.1	13.6	12.6	13.2	13.3	13.2	12.7	12.9	13	13	12.1	12.2	13.8	16.5
4.241	14.5	14.2	14.7	13.6	14.4	14.4	14.3	13.8	14	14.1	14.1	13.1	13.3	15	18.2
4.656	15.6	15.3	15.9	14.7	15.5	15.5	15.4	14.9	15.1	15.2	15.3	14.2	14.3	16.2	19.9
5.111	16.9	16.5	17.1	15.8	16.7	16.7	16.6	16	16.3	16.4	16.4	15.3	15.4	17.4	21.7
5.611	18.1	17.8	18.4	17	17.9	18	17.8	17.3	17.5	17.6	17.7	16.4	16.6	18.8	23.6
6.158	19.4	19	19.7	18.3	19.3	19.2	19.1	18.5	18.8	18.9	19	17.7	17.8	20.1	25.5
6.761	20.8	20.4	21.1	19.6	20.6	20.6	20.5	19.9	20.2	20.2	20.3	18.9	19	21.6	27.5
7.421	22.2	21.8	22.5	20.9	22	22	21.9	21.3	21.6	21.6	21.7	20.2	20.3	23.1	29.4
8.147	23.7	23.2	24	22.3	23.5	23.5	23.4	22.7	23.1	23	23.2	21.6	21.6	24.6	31.4
8.944	25.3	24.7	25.6	23.8	25.1	25	25	24.3	24.6	24.5	24.7	23.1	23	26.3	33.3
9.819	26.9	26.3	27.3	25.4	26.8	26.6	26.6	25.9	26.3	26.2	26.4	24.6	24.5	28	35.3
10.78	28.7	28	29	27.1	28.5	28.4	28.4	27.6	28.1	27.9	28.1	26.3	26	29.9	37.2
11.83	30.5	29.8	30.8	28.8	30.4	30.2	30.2	29.5	29.9	29.7	29.9	28	27.6	31.9	39
12.99	32.5	31.7	32.8	30.8	32.4	32.2	32.2	31.5	32	31.7	31.9	29.9	29.4	34	40.9
14.26	34.7	33.8	35	32.8	34.6	34.4	34.4	33.6	34.2	33.8	34.1	32	31.3	36.3	42.7
15.65	37.1	36.1	37.3	35.1	37	36.7	36.8	36	36.6	36.2	36.5	34.2	33.4	38.8	44.6
17.18	39.7	38.6	39.9	37.6	39.6	39.3	39.4	38.6	39.2	38.8	39.1	36.7	35.6	41.5	46.6
18.86	42.5	41.3	42.7	40.3	42.5	42.1	42.2	41.4	42.1	41.6	42	39.3	38.1	44.4	48.5
20.7	45.5	44.3	45.6	43.2	45.5	45.1	45.2	44.5	45.2	44.6	45	42.2	40.7	47.5	50.5
22.73	48.7	47.4	48.8	46.3	48.8	48.4	48.5	47.7	48.5	47.9	48.3	45.2	43.5	50.9	52.4
24.95	52.1	50.7	52.2	49.7	52.3	51.9	51.9	51.2	52.1	51.4	51.8	48.5	46.5	54.4	54.3
27.38	55.7	54.3	55.8	53.3	56	55.6	55.6	54.9	55.9	55.1	55.5	51.9	49.6	58	56.1
30.07	59.5	58	59.6	57	59.9	59.5	59.4	58.8	59.8	59	59.4	55.5	53	61.9	57.9
33	63.4	61.9	63.4	60.9	63.8	63.5	63.3	62.7	63.8	62.9	63.4	59.1	56.4	65.7	59.6
36.24	67.2	65.6	67.2	64.7	67.7	67.5	67.2	66.6	67.8	66.8	67.2	62.7	59.7	69.4	61.1
39.77	70.9	69.3	70.8	68.4	71.4	71.4	70.9	70.3	71.5	70.5	71	66.2	63	72.8	62.5
43.66	74.4	72.7	74.2	71.9	74.9	75.2	74.3	73.9	75	74	74.4	69.5	66.2	76	63.9
47.93	77.8	75.9	77.3	75.3	78.2	78.8	77.6	77.2	78.3	77.2	77.7	72.6	69.2	78.9	65.2
52.63	80.9	79.1	80.4	78.5	81.3	82.2	80.6	80.3	81.4	80.3	80.7	75.7	72.2	81.7	66.6
57.77	84	82.1	83.3	81.7	84.3	85.5	83.6	83.4	84.3	83.2	83.7	78.7	75.1	84.3	68.2
63.41	86.9	85	86	84.7	87.1	88.5	86.4	86.2	87.1	85.9	86.4	81.6	78	86.8	70
69.62	89.5	87.6	88.5	87.4	89.7	91.3	88.9	88.8	89.5	88.4	88.9	84.3	80.6	89	71.9
76.43	91.6	89.9	90.6	89.7	91.7	93.7	90.9	91	91.6	90.5	90.9	86.6	83	90.9	73.8
83.9	93.2	91.6	92.1	91.6	93.3	95.8	92.5	92.7	93	92.1	92.5	88.5	85	92.3	75.5
92.09	94.3	92.9	93.2	92.9	94.3	97.4	93.5	93.9	94.1	93.2	93.6	90	86.6	93.3	77
101.1	95	93.9	94	94	95	98.6	94.3	94.8	94.8	94.1	94.4	91.1	88	93.9	78.4
111	95.7	94.8	94.6	94.9	95.6	99.4	95	95.5	95.5	94.9	95.1	92.2	89.2	94.5	79.7

NGU Norges geologiske undersøkelse
7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**181**	**182**	**183**	**184**	**185**	**186**	**187**	**188**	**189**	**190**	**191**	**192**	**193**	**194**	**195**
NGU prøvenr.	80380	80381	80382	80383	80384	80385	80387	80389	80391	80393	80395	80397	80399	81100	
Prøve nr. → Diameter(µm) ↓	R1186MC015KA 9-10cm	R1186MC015KA 10-11cm	R1186MC015KA 11-12cm	R1186MC015KA12-13cm	R1186MC015KA 13-14cm	R1186MC015KA 14-15cm	R1186MC015KA 16-17cm	R1186MC015KA 18-19cm	R1186MC015KA 20-21cm	R1186MC015KA 22-23cm	R1186MC015KA 24-25cm	R1186MC015KA 26-27cm	R1186MC015KA 28-29cm	R1186MC015KA 30-31cm	Standard Hynne
121.8	96.3	95.7	95.4	95.8	96.3	99.8	95.7	96.3	96.2	95.8	95.9	93.3	90.6	95.2	81.1
133.7	97.1	96.7	96.4	96.8	97.1	100	96.7	97.2	97.1	96.8	96.9	94.5	92	96.1	82.6
146.8	98	97.8	97.4	97.9	98	100	97.7	98.1	98	97.9	97.9	95.8	93.6	97.1	84.1
161.2	98.9	98.8	98.4	98.8	98.8	100	98.7	99	98.9	98.8	98.8	97.1	95.1	98.1	85.7
176.8	99.5	99.5	99.2	99.5	99.5	100	99.4	99.6	99.5	99.5	99.5	98.1	96.4	98.9	87
194.2	99.8	99.8	99.7	99.8	99.8	100	99.8	99.9	99.9	99.9	99.9	98.8	97.4	99.5	88.1
213.2	100	100	99.9	100	100	100	100	100	100	100	100	99.1	98.1	99.8	89
234.1	100	100	100	100	100	100	100	100	100	100	100	99.3	98.5	100	89.7
256.8	100	100	100	100	100	100	100	100	100	100	100	99.4	98.8	100	90.3
282.1	100	100	100	100	100	100	100	100	100	100	100	99.4	99	100	90.8
309.6	100	100	100	100	100	100	100	100	100	100	100	99.4	99.2	100	91.3
339.8	100	100	100	100	100	100	100	100	100	100	100	99.5	99.4	100	91.9
373.1	100	100	100	100	100	100	100	100	100	100	100	99.6	99.5	100	92.5
409.6	100	100	100	100	100	100	100	100	100	100	100	99.7	99.7	100	93.2
449.7	100	100	100	100	100	100	100	100	100	100	100	99.8	99.8	100	93.9
493.6	100	100	100	100	100	100	100	100	100	100	100	99.9	99.9	100	94.6
541.9	100	100	100	100	100	100	100	100	100	100	100	99.9	100	100	95.3
594.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	96.1
653	100	100	100	100	100	100	100	100	100	100	100	100	100	100	97
716.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	97.9
786.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	98.8
863.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.5
948.2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.9
1041	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1143	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1255	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse
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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210
NGU prøvenr.		81064	81063	81062	81061	81060	81059	81058	81057	81056	81055	81054	81053	81052	81051
Prøve nr. → Diameter(µm) ↓	MINN standard	R1200MC016KA 0-1cm	R1200MC016KA 1-2cm	R1200MC016KA 2-3cm	R1200MC016KA3-4cm	R1200MC016KA 4-5cm	R1200MC016KA 5-6cm	R1200MC016KA 6-7cm	R1200MC016KA 7-8cm	R1200MC016KA 8-9cm	R1200MC016KA 9-10cm	R1200MC016KA 10-11cm	R1200MC016KA 11-12cm	R1200MC016KA12-13cm	R1200MC016KA 13-14cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0.016	0	0	0	0	0	0	0	0	0	0.00058	0.00093	0.0014	0	0
0.452	0.044	0	0	0	0	0	0	0	0	0	0.00092	0.0019	0.0033	0	0
0.496	0.085	0.0002	0.00026	0.00027	0.00022	0.0003	0.0003	0.0002	0.00021	0.00022	0.0028	0.0047	0.0075	0.00033	0.00032
0.545	0.14	0.003	0.0036	0.0036	0.0032	0.004	0.004	0.003	0.0031	0.0031	0.011	0.014	0.019	0.0042	0.004
0.598	0.22	0.019	0.021	0.022	0.019	0.024	0.024	0.019	0.019	0.019	0.039	0.04	0.048	0.024	0.022
0.657	0.31	0.065	0.069	0.069	0.065	0.077	0.076	0.064	0.065	0.063	0.099	0.095	0.11	0.073	0.069
0.721	0.41	0.16	0.16	0.16	0.16	0.18	0.18	0.16	0.16	0.15	0.21	0.19	0.2	0.16	0.16
0.791	0.52	0.31	0.32	0.31	0.31	0.35	0.34	0.31	0.32	0.3	0.37	0.33	0.35	0.31	0.29
0.869	0.64	0.55	0.54	0.53	0.53	0.59	0.58	0.54	0.55	0.51	0.6	0.54	0.56	0.51	0.48
0.953	0.78	0.88	0.85	0.83	0.85	0.93	0.91	0.87	0.88	0.81	0.91	0.82	0.84	0.79	0.75
1.047	0.92	1.32	1.27	1.23	1.26	1.38	1.36	1.31	1.32	1.21	1.33	1.18	1.21	1.16	1.09
1.149	1.07	1.89	1.79	1.74	1.8	1.95	1.91	1.87	1.88	1.72	1.84	1.63	1.67	1.62	1.53
1.261	1.23	2.58	2.43	2.35	2.44	2.65	2.59	2.55	2.56	2.34	2.46	2.17	2.22	2.18	2.05
1.385	1.4	3.38	3.17	3.07	3.2	3.45	3.38	3.35	3.36	3.06	3.17	2.8	2.85	2.83	2.66
1.52	1.57	4.29	4	3.87	4.05	4.36	4.26	4.26	4.27	3.88	3.97	3.51	3.57	3.55	3.35
1.669	1.75	5.29	4.92	4.75	4.99	5.35	5.23	5.25	5.26	4.77	4.84	4.28	4.34	4.35	4.1
1.832	1.95	6.35	5.89	5.69	5.98	6.4	6.26	6.3	6.31	5.72	5.77	5.1	5.16	5.19	4.91
2.01	2.16	7.45	6.89	6.66	7.01	7.5	7.33	7.4	7.4	6.71	6.73	5.95	6.01	6.06	5.74
2.207	2.38	8.57	7.92	7.65	8.06	8.61	8.42	8.52	8.52	7.71	7.72	6.82	6.88	6.95	6.6
2.423	2.62	9.7	8.96	8.66	9.13	9.74	9.52	9.65	9.65	8.73	8.72	7.7	7.76	7.85	7.47
2.66	2.89	10.8	10	9.68	10.2	10.9	10.6	10.8	10.8	9.75	9.73	8.59	8.65	8.75	8.35
2.92	3.18	12	11.1	10.7	11.3	12	11.8	12	11.9	10.8	10.8	9.5	9.55	9.67	9.24
3.206	3.51	13.2	12.2	11.8	12.4	13.2	12.9	13.1	13.1	11.8	11.8	10.4	10.5	10.6	10.1
3.519	3.87	14.4	13.3	12.9	13.5	14.4	14.1	14.3	14.3	12.9	12.9	11.4	11.4	11.5	11.1
3.862	4.28	15.6	14.4	14	14.7	15.7	15.3	15.6	15.6	14	14	12.3	12.4	12.5	12
4.241	4.73	16.9	15.6	15.2	15.9	17	16.6	16.9	16.8	15.2	15.2	13.3	13.4	13.5	13
4.656	5.23	18.3	16.9	16.4	17.2	18.4	17.9	18.2	18.2	16.3	16.3	14.4	14.4	14.6	14
5.111	5.79	19.7	18.2	17.7	18.5	19.8	19.3	19.6	19.6	17.6	17.6	15.4	15.5	15.6	15
5.611	6.41	21.1	19.5	19	19.9	21.2	20.7	21.1	21	18.9	18.9	16.5	16.6	16.7	16.1
6.158	7.1	22.6	20.9	20.4	21.3	22.7	22.2	22.5	22.5	20.2	20.2	17.7	17.8	17.9	17.2
6.761	7.85	24.2	22.3	21.7	22.8	24.3	23.7	24.1	24	21.5	21.6	18.8	19	19.1	18.3
7.421	8.68	25.7	23.7	23.2	24.2	25.8	25.2	25.6	25.5	22.9	23	20	20.2	20.3	19.4
8.147	9.58	27.3	25.2	24.6	25.7	27.4	26.8	27.2	27.1	24.4	24.4	21.3	21.5	21.5	20.6
8.944	10.6	28.9	26.7	26.1	27.3	29.1	28.4	28.8	28.8	25.8	25.9	22.6	22.8	22.8	21.8
9.819	11.6	30.6	28.2	27.6	28.9	30.8	30	30.5	30.4	27.3	27.4	23.9	24.1	24.1	23.1
10.78	12.8	32.3	29.8	29.2	30.5	32.5	31.7	32.2	32.1	28.9	29	25.2	25.5	25.5	24.4
11.83	14	34	31.4	30.8	32.1	34.3	33.5	34	33.9	30.5	30.6	26.6	26.9	26.9	25.8
12.99	15.3	35.8	33	32.5	33.9	36.2	35.3	35.8	35.7	32.2	32.3	28.1	28.4	28.5	27.2
14.26	16.8	37.7	34.8	34.2	35.7	38.1	37.2	37.8	37.7	34	34.1	29.7	30	30.1	28.8
15.65	18.4	39.8	36.7	36.1	37.7	40.2	39.3	39.9	39.8	35.9	36	31.4	31.8	31.8	30.5
17.18	20.1	42	38.8	38.2	39.8	42.5	41.5	42.1	42.1	38	38.1	33.3	33.7	33.7	32.3
18.86	21.9	44.3	40.9	40.3	42	44.9	43.9	44.5	44.5	40.2	40.3	35.3	35.7	35.8	34.3
20.7	23.9	46.8	43.2	42.5	44.4	47.4	46.4	47	47	42.6	42.7	37.4	37.9	38	36.4
22.73	26.1	49.3	45.6	44.9	46.8	50	48.9	49.6	49.6	45.1	45.1	39.7	40.1	40.3	38.7
24.95	28.4	52	48.1	47.3	49.4	52.7	51.6	52.4	52.4	47.7	47.7	42.1	42.6	42.8	41.2
27.38	31	54.7	50.7	49.8	52	55.6	54.5	55.2	55.2	50.4	50.5	44.7	45.2	45.6	43.8
30.07	33.7	57.5	53.4	52.4	54.7	58.5	57.4	58.2	58.2	53.3	53.3	47.5	47.9	48.5	46.7
33	36.5	60.5	56.1	55.1	57.6	61.4	60.4	61.2	61.2	56.3	56.3	50.3	50.8	51.5	49.7
36.24	39.4	63.4	58.9	57.7	60.4	64.4	63.3	64.2	64.3	59.4	59.2	53.3	53.8	54.8	52.8
39.77	42.4	66.3	61.6	60.4	63.1	67.3	66.3	67.2	67.2	62.5	62.2	56.4	56.9	58.1	56.1
43.66	45.4	69.2	64.4	63	65.9	70.1	69.2	70	70.1	65.5	65.2	59.6	60.1	61.5	59.4
47.93	48.5	72.1	67.2	65.7	68.6	72.9	72.1	72.9	73	68.6	68.3	62.9	63.4	65.1	63
52.63	51.7	75.1	70.2	68.5	71.5	75.7	75	75.8	76	71.9	71.5	66.5	66.9	68.9	66.7
57.77	55	78.2	73.3	71.4	74.4	78.7	78.1	78.8	79	75.2	74.9	70.2	70.6	72.9	70.6
63.41	58.4	81.4	76.5	74.5	77.4	81.6	81.2	81.8	82	78.6	78.3	74	74.4	77	74.7
69.62	61.8	84.5	79.6	77.6	80.3	84.4	84.2	84.7	84.9	82	81.6	77.8	78.1	81	78.6
76.43	65.1	87.3	82.5	80.4	83	86.9	86.8	87.2	87.5	85	84.6	81.2	81.5	84.7	82.2
83.9	68.2	89.6	84.9	82.8	85.2	89	89	89.3	89.5	87.5	87.2	84.1	84.3	87.8	85.3
92.09	71	91.4	86.9	84.9	87	90.6	90.6	90.9	91.1	89.5	89.2	86.5	86.6	90.3	87.9
101.1	73.6	92.7	88.6	86.6	88.5	91.8	91.9	92.2	92.4	91	90.8	88.5	88.5	92.4	89.9
111	76	93.8	90.1	88.2	89.9	92.9	93	93.3	93.5	92.3	92.2	90.2	90.1	94.3	91.6

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Analysekontrakt nr.: 2014.0017 DEL 1

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Coulter data (Kumulativ volum % <)

Løpenr.	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210
NGU prøvenr.		81064	81063	81062	81061	81060	81059	81058	81057	81056	81055	81054	81053	81052	81051
Prøve nr. → Diameter(µm) ↓	MINN standard	R1200MC016KA 0-1cm	R1200MC016KA 1-2cm	R1200MC016KA 2-3cm	R1200MC016KA3-4cm	R1200MC016KA 4-5cm	R1200MC016KA 5-6cm	R1200MC016KA 6-7cm	R1200MC016KA 7-8cm	R1200MC016KA 8-9cm	R1200MC016KA 9-10cm	R1200MC016KA 10-11cm	R1200MC016KA 11-12cm	R1200MC016KA12-13cm	R1200MC016KA 13-14cm
121.8	78.3	94.9	91.5	89.8	91.2	94	94.1	94.5	94.6	93.6	93.6	91.8	91.7	96	93.2
133.7	80.5	95.9	93	91.5	92.7	95.2	95.3	95.8	95.8	94.9	95	93.5	93.2	97.5	94.7
146.8	82.6	97	94.5	93.2	94.2	96.5	96.6	97.1	97.1	96.2	96.4	95.2	94.7	98.7	96.1
161.2	84.6	98	95.9	94.8	95.6	97.7	97.8	98.3	98.3	97.5	97.7	96.7	96.1	99.5	97.4
176.8	86.4	98.8	97.1	96.2	96.8	98.7	98.8	99.2	99.1	98.6	98.7	98	97.3	99.9	98.5
194.2	88	99.4	98	97.3	97.7	99.4	99.5	99.7	99.7	99.3	99.4	99	98.1	100	99.2
213.2	89.3	99.8	98.5	98.1	98.4	99.8	99.8	99.9	99.9	99.8	99.8	99.6	98.6	100	99.7
234.1	90.4	99.9	98.8	98.6	98.7	100	100	100	100	99.9	100	99.9	98.9	100	99.9
256.8	91.3	100	99	98.9	99	100	100	100	100	100	100	100	99	100	100
282.1	92.1	100	99.2	99.2	99.1	100	100	100	100	100	100	100	99	100	100
309.6	92.8	100	99.3	99.4	99.2	100	100	100	100	100	100	100	99.1	100	100
339.8	93.4	100	99.5	99.6	99.3	100	100	100	100	100	100	100	99.1	100	100
373.1	94.1	100	99.6	99.7	99.4	100	100	100	100	100	100	100	99.3	100	100
409.6	94.7	100	99.7	99.8	99.5	100	100	100	100	100	100	100	99.4	100	100
449.7	95.4	100	99.8	99.9	99.6	100	100	100	100	100	100	100	99.6	100	100
493.6	95.9	100	99.9	99.9	99.7	100	100	100	100	100	100	100	99.7	100	100
541.9	96.4	100	100	100	99.8	100	100	100	100	100	100	100	99.9	100	100
594.9	96.8	100	100	100	99.9	100	100	100	100	100	100	100	100	100	100
653	97.2	100	100	100	100	100	100	100	100	100	100	100	100	100	100
716.9	97.5	100	100	100	100	100	100	100	100	100	100	100	100	100	100
786.9	97.7	100	100	100	100	100	100	100	100	100	100	100	100	100	100
863.9	98	100	100	100	100	100	100	100	100	100	100	100	100	100	100
948.2	98.3	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1041	98.7	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1143	99.2	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1255	99.7	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1377	99.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**211**	**212**	**213**	**214**	**215**	**216**	**217**	**218**	**219**	**220**
NGU prøvenr.	81050	81048	81046	81044	81042	81040	81038	81036		
Prøve nr. → Diameter(µm) ↓	R1200MC016KA 14-15cm	R1200MC016KA 16-17cm	R1200MC016KA 18-19cm	R1200MC016KA 20-21cm	R1200MC016KA 22-23cm	R1200MC016KA 24-25cm	R1200MC016KA 26-27cm	R1200MC016KA 28-29cm	Standard Hynne	MINN standard
0.375	0	0	0	0	0	0	0	0	0	0
0.412	0.0019	0.0026	0.0042	0.0038	0.0017	0	0	0	0	0.015
0.452	0.0046	0.0067	0.011	0.01	0.0041	0	0	0	0	0.043
0.496	0.01	0.014	0.023	0.021	0.0092	0.00024	0.00034	0.00022	0	0.083
0.545	0.023	0.03	0.044	0.041	0.021	0.0032	0.0043	0.0031	0	0.14
0.598	0.053	0.063	0.083	0.079	0.049	0.018	0.024	0.019	0.0002	0.21
0.657	0.11	0.12	0.15	0.14	0.1	0.059	0.075	0.062	0.0033	0.3
0.721	0.21	0.22	0.24	0.24	0.19	0.14	0.17	0.15	0.023	0.4
0.791	0.35	0.36	0.38	0.37	0.32	0.26	0.32	0.29	0.084	0.51
0.869	0.55	0.55	0.57	0.56	0.51	0.44	0.53	0.5	0.22	0.63
0.953	0.81	0.82	0.81	0.81	0.76	0.69	0.82	0.8	0.44	0.77
1.047	1.16	1.15	1.13	1.13	1.08	1.02	1.2	1.19	0.79	0.91
1.149	1.6	1.57	1.51	1.52	1.48	1.44	1.68	1.69	1.26	1.06
1.261	2.11	2.07	1.97	1.98	1.97	1.95	2.25	2.29	1.89	1.22
1.385	2.71	2.65	2.5	2.52	2.52	2.54	2.92	3	2.66	1.39
1.52	3.38	3.3	3.08	3.11	3.15	3.2	3.68	3.8	3.57	1.56
1.669	4.11	4	3.72	3.77	3.83	3.94	4.5	4.68	4.6	1.75
1.832	4.89	4.75	4.4	4.46	4.56	4.72	5.38	5.61	5.73	1.95
2.01	5.7	5.53	5.11	5.17	5.32	5.53	6.29	6.58	6.94	2.16
2.207	6.52	6.33	5.83	5.91	6.09	6.36	7.23	7.58	8.2	2.39
2.423	7.35	7.14	6.57	6.65	6.87	7.21	8.18	8.58	9.51	2.64
2.66	8.19	7.95	7.31	7.4	7.66	8.06	9.14	9.59	10.9	2.91
2.92	9.04	8.78	8.06	8.16	8.45	8.93	10.1	10.6	12.3	3.21
3.206	9.91	9.62	8.82	8.93	9.26	9.8	11.1	11.6	13.7	3.54
3.519	10.8	10.5	9.59	9.71	10.1	10.7	12.1	12.7	15.3	3.9
3.862	11.7	11.4	10.4	10.5	10.9	11.6	13.1	13.8	16.9	4.31
4.241	12.6	12.3	11.2	11.3	11.8	12.5	14.2	14.9	18.6	4.77
4.656	13.6	13.2	12	12.1	12.6	13.5	15.2	16	20.4	5.27
5.111	14.6	14.1	12.9	13	13.5	14.4	16.3	17.2	22.2	5.83
5.611	15.6	15.1	13.8	13.9	14.5	15.4	17.4	18.4	24.1	6.44
6.158	16.6	16.2	14.7	14.8	15.4	16.4	18.6	19.5	26.1	7.12
6.761	17.7	17.2	15.6	15.7	16.4	17.5	19.7	20.8	28	7.86
7.421	18.8	18.3	16.6	16.7	17.3	18.5	20.9	22	30	8.67
8.147	19.9	19.4	17.6	17.6	18.3	19.6	22	23.2	32	9.55
8.944	21.1	20.6	18.6	18.6	19.4	20.7	23.2	24.4	34	10.5
9.819	22.3	21.8	19.7	19.7	20.4	21.8	24.4	25.7	36	11.5
10.78	23.6	23	20.8	20.8	21.5	22.9	25.7	27	37.9	12.7
11.83	24.9	24.3	22	21.9	22.7	24.1	26.9	28.3	39.8	13.9
12.99	26.3	25.7	23.2	23.1	23.9	25.4	28.3	29.7	41.7	15.2
14.26	27.8	27.3	24.6	24.4	25.2	26.7	29.7	31.2	43.6	16.6
15.65	29.4	28.9	26.1	25.9	26.7	28.2	31.3	32.8	45.5	18.1
17.18	31.2	30.7	27.7	27.5	28.2	29.8	33	34.5	47.4	19.8
18.86	33.1	32.7	29.4	29.2	30	31.5	34.8	36.4	49.4	21.6
20.7	35.1	34.8	31.4	31.1	31.8	33.4	36.8	38.4	51.4	23.5
22.73	37.3	37.1	33.4	33.2	33.9	35.4	38.9	40.6	53.3	25.6
24.95	39.7	39.5	35.7	35.5	36.1	37.6	41.1	42.9	55.2	27.9
27.38	42.3	42.2	38.2	38	38.5	39.9	43.5	45.3	57	30.4
30.07	45	45	40.9	40.7	41.2	42.5	46.1	47.9	58.8	33
33	47.9	48.1	43.8	43.6	44	45.2	48.8	50.7	60.5	35.7
36.24	51	51.2	46.9	46.8	47	48	51.7	53.5	62.1	38.5
39.77	54.2	54.5	50.1	50.1	50.2	51.1	54.7	56.4	63.5	41.3
43.66	57.5	58	53.6	53.7	53.6	54.3	58	59.5	64.8	44.3
47.93	61	61.6	57.3	57.7	57.3	57.8	61.4	62.8	66.1	47.2
52.63	64.8	65.5	61.3	61.9	61.4	61.7	65.2	66.3	67.5	50.3
57.77	68.7	69.6	65.6	66.4	65.7	65.8	69.3	70.1	69	53.5
63.41	72.8	73.8	70	71.1	70.3	70.2	73.6	74	70.8	56.8
69.62	76.8	77.9	74.3	75.7	74.8	74.6	77.8	77.7	72.7	60.1
76.43	80.5	81.6	78.2	79.9	79	78.7	81.8	81.2	74.6	63.4
83.9	83.7	84.8	81.7	83.5	82.6	82.3	85.1	84.1	76.4	66.4
92.09	86.3	87.5	84.5	86.5	85.6	85.4	87.9	86.4	77.9	69.2
101.1	88.4	89.6	86.8	88.9	88.1	87.9	90.1	88.3	79.3	71.8
111	90.3	91.5	88.8	90.8	90.2	90.1	91.9	89.8	80.7	74.3

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Coulter data (Kumulativ volum % <)

Løpenr.	**211**	**212**	**213**	**214**	**215**	**216**	**217**	**218**	**219**	**220**
NGU prøvenr.	81050	81048	81046	81044	81042	81040	81038	81036		
Prøve nr. → Diameter(µm) ↓	R1200MC016KA 14-15cm	R1200MC016KA 16-17cm	R1200MC016KA 18-19cm	R1200MC016KA 20-21cm	R1200MC016KA 22-23cm	R1200MC016KA 24-25cm	R1200MC016KA 26-27cm	R1200MC016KA 28-29cm	Standard Hynne	MINN standard
121.8	91.9	93.1	90.6	92.6	92.1	92.1	93.5	91.2	82.1	76.7
133.7	93.6	94.8	92.3	94.3	93.9	94	94.9	92.6	83.6	79
146.8	95.2	96.4	94.1	95.9	95.7	95.8	96.3	94.1	85.1	81.3
161.2	96.8	97.7	95.6	97.4	97.2	97.4	97.6	95.4	86.6	83.4
176.8	98	98.8	97	98.6	98.5	98.6	98.6	96.5	87.9	85.3
194.2	99	99.5	97.9	99.4	99.3	99.4	99.3	97.2	88.9	87
213.2	99.6	99.9	98.5	99.8	99.8	99.8	99.7	97.6	89.7	88.5
234.1	99.9	100	98.9	100	99.9	100	99.9	97.8	90.2	89.8
256.8	100	100	99	100	100	100	100	97.9	90.7	90.9
282.1	100	100	99.1	100	100	100	100	98	91.1	92
309.6	100	100	99.1	100	100	100	100	98	91.6	92.9
339.8	100	100	99.2	100	100	100	100	98.2	92.1	93.7
373.1	100	100	99.3	100	100	100	100	98.3	92.7	94.5
409.6	100	100	99.4	100	100	100	100	98.5	93.3	95.3
449.7	100	100	99.5	100	100	100	100	98.7	93.9	96.1
493.6	100	100	99.5	100	100	100	100	98.8	94.4	96.9
541.9	100	100	99.6	100	100	100	100	98.9	95	97.7
594.9	100	100	99.6	100	100	100	100	99.1	95.7	98.3
653	100	100	99.7	100	100	100	100	99.2	96.4	98.9
716.9	100	100	99.8	100	100	100	100	99.4	97.4	99.3
786.9	100	100	99.8	100	100	100	100	99.6	98.4	99.6
863.9	100	100	99.9	100	100	100	100	99.8	99.3	99.8
948.2	100	100	100	100	100	100	100	100	99.9	99.9
1041	100	100	100	100	100	100	100	100	100	100
1143	100	100	100	100	100	100	100	100	100	100
1255	100	100	100	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

File name:	1.$02	2.$02	3.$02	4.$02	5.$02	6.$02	7.$02	8#.$02	9.$02	10.$02	11.$02	12#.$02	13.$02	14.$02	15.$02	16.$02	17.$02
NGU prøvenr.			**79401**	**79430**		**79431**	**79432**	**79433**	**79434**	**79435**	**79436**	**79437**	**79438**	**79439**	**79440**	**79441**	**79442**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	Standard Hynne	MINN standard	R1080BC010KA 0-1cm	R1093MC001KA 0-1cm	Standard Hynne	R1093MC001KA 1-2cm	R1093MC001KA 2-3cm	R1093MC001KA 3-4cm	R1093MC001KA 4-5cm	R1093MC001KA 5-6cm	R1093MC001KA 6-7cm	R1093MC001KA 7-8cm	R1093MC001KA 8-9cm	R1093MC001KA 9-10cm	R1093MC001KA 10-11cm	R1093MC001KA 11-12cm	R1093MC001KA 12-13cm
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.233g, ultralyd	0.503g, ultralyd	0.298g, ultralyd	0.302g, ultralyd	0.219g, ultralyd	0.286g, ultralyd	0.275g, ultralyd	0.259g, ultralyd	0.253g, ultralyd	0.257g, ultralyd	0.246g, ultralyd	0.253g, ultralyd	0.264g, ultralyd	0.261g, ultralyd	0.265g, ultralyd	0.264g, ultralyd	0.272g, ultralyd
Optical Model	Leire	Fraunhofer	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	99.09	99.55	94.11	62.26	76.9	56.19	55.44	60.03	61.81	60.49	59.69	60.88	64.76	65.11	65.7	64.09	58.67
Median:	20	50.27	61.35	48.02	19.73	34.42	31.6	41.48	47.25	42.92	44.02	46.16	54.4	55.44	57.31	54.3	42.21
D(3,2):	7.426	16.1	11.94	8.174	7.381	7.521	7.329	7.814	8.317	8.053	8.146	8.383	8.767	8.839	8.936	8.689	7.951
Mean/Median Ratio:	4.954	1.98	1.534	1.296	3.897	1.632	1.754	1.447	1.308	1.409	1.356	1.319	1.19	1.175	1.146	1.18	1.39
Mode:	7.776	66.44	72.95	127.6	18	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	473.8	415.6	337.1	176.2	351.9	165.5	165.5	172.7	174.1	173.3	169.5	171.2	178	178.2	178.4	176.1	167
S.D.:	191.2	161.2	124	58.13	140.3	55.77	56.14	57.5	57.28	57.54	56.04	56.28	57.78	57.71	57.48	57.17	55.29
Variance:	36546	25994	15376	3379	19689	3110	3151	3306	3280	3311	3140	3168	3339	3331	3304	3268	3057
C.V.:	192.9	162	131.8	93.37	182.5	99.24	101.3	95.77	92.66	95.13	93.88	92.45	89.23	88.64	87.49	89.2	94.24
Skewness:	2.752	4.152	3.371	0.616	3.17	0.752	0.781	0.662	0.624	0.686	0.662	0.625	0.531	0.534	0.506	0.53	0.665
Kurtosis:	6.896	21.22	15.82	-0.811	11.01	-0.647	-0.614	-0.779	-0.797	-0.709	-0.737	-0.8	-0.917	-0.888	-0.921	-0.915	-0.752
d10:	2.521	8.413	4.046	2.565	2.512	2.401	2.36	2.487	2.632	2.556	2.579	2.655	2.76	2.765	2.785	2.701	2.49
d50:	20	50.27	61.35	48.02	19.73	34.42	31.6	41.48	47.25	42.92	44.02	46.16	54.4	55.44	57.31	54.3	42.21
d90:	289.5	212	198.4	147.3	198.5	141.1	141.5	145.4	146	146.2	143.1	144	148	148.1	148	146.3	141.4
Specific Surf. Area	8080	3726	5024	7340	8129	7978	8187	7678	7214	7450	7366	7157	6844	6788	6715	6906	7546
% <																	
10	2.521	8.413	4.046	2.565	2.512	2.401	2.36	2.487	2.632	2.556	2.579	2.655	2.76	2.765	2.785	2.701	2.49
25	5.935	21.53	19.68	6.512	5.893	5.872	5.591	6.329	6.979	6.625	6.689	7.041	7.526	7.763	7.958	7.347	6.525
50	20	50.27	61.35	48.02	19.73	34.42	31.6	41.48	47.25	42.92	44.02	46.16	54.4	55.44	57.31	54.3	42.21
75	83.93	106.6	115.4	109.6	79.18	101	100.4	107.1	108.3	106.7	104.6	106.7	112.3	112.1	112.6	111	103.3
90	289.5	212	198.4	147.3	198.5	141.1	141.5	145.4	146	146.2	143.1	144	148	148.1	148	146.3	141.4
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
µm																	
2	6.84	2.13	4.47	6.86	6.85	7.53	7.68	7.29	6.76	7.01	6.9	6.65	6.33	6.32	6.27	6.38	7.19
5	21.5	5.69	12	20.1	21.7	21.8	22.7	20.6	19.2	19.9	19.8	19.1	18.3	18.1	17.9	18.8	20.4
10	35.9	12	18.7	31.8	36.1	34.5	35.9	32.7	30.4	31.5	31.2	30.3	28.9	28.3	27.9	29.1	31.2
15	44	17.8	22.2	35.7	44.2	38.9	40.3	37	34.6	35.7	35.4	34.5	32.9	32.3	31.7	33.1	35.4
20	50	23.3	25.2	38.8	50.3	42.4	43.8	40.4	38	39.1	38.7	37.9	36.1	35.5	34.9	36.3	39
25	54.5	28.7	28.2	41.5	54.9	45.5	46.8	43.4	40.9	42.2	41.7	40.9	39	38.3	37.6	39.1	42.1
50	65.8	49.8	42.8	50.7	66.4	55.6	56.4	52.7	51	52.5	52.2	51.4	48.4	48	47.2	48.4	52.9
60	68.7	56.2	49.1	54.3	69.5	59.2	59.9	56.1	54.8	56.3	56.2	55.3	52.1	51.8	51.1	52.2	56.9
63	69.6	58	51.1	55.5	70.5	60.4	61	57.2	56	57.5	57.4	56.5	53.3	53	52.4	53.5	58.1
70	71.7	61.8	55.5	58.3	72.6	63.1	63.6	60	58.9	60.4	60.4	59.4	56.2	56	55.4	56.4	61.1
75	73	64.2	58.5	60.4	74	65	65.5	61.9	61	62.4	62.6	61.5	58.3	58.2	57.7	58.6	63.3
90	76.1	70.2	66.1	66.6	77.2	70.8	71.1	67.9	67.2	68.3	68.9	67.8	64.8	64.8	64.4	65.3	69.5
125	80.8	79.1	77.6	81.6	82.1	84.4	84.4	82.5	82.1	82.4	83.5	82.9	80.9	80.9	80.8	81.5	84
200	87.8	89.1	90.1	99	90.1	99.4	99.3	99.1	99.1	99	99.3	99.3	99.1	99	99.1	99.2	99.4
250	89.3	91.9	93	100	92.2	100	100	100	100	100	100	100	100	100	100	100	100
400	91.6	95.5	96.1	100	95.2	100	100	100	100	100	100	100	100	100	100	100	100
500	92.9	96.8	97.8	100	96.6	100	100	100	100	100	100	100	100	100	100	100	100
1000	99.9	99.1	99.8	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

File name:	18.$02	19.$02	20.$02	21.$02	22.$02	23.$02	24.$02	25#.$02	26.$02	27.$02	28.$02	29.$02	30.$02	31#.$02	32.$02	33.$02	34.$02
NGU prøvenr.	**79443**	**79444**	**79446**	**79448**	**79450**	**79452**	**79454**	**79456**	**79458**	**79460**	**79462**	**79464**	**79466**	**79468**	**79470**		
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R1093MC001KA 13-14cm	R1093MC001KA 14-15cm	R1093MC001KA 16-17cm	R1093MC001KA 18-19cm	R1093MC001KA 20-21cm	R1093MC001KA 22-23cm	R1093MC001KA 24-25cm	R1093MC001KA 26-27cm	R1093MC001KA 28-29cm	R1093MC001KA 30-31cm	R1093MC001KA 32-33cm	R1093MC001KA 34-35cm	R1093MC001KA 36-37cm	R1093MC001KA 38-39cm	R1093MC001KA 40-41cm	Standard Hynne	MINN standard
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.271g, ultralyd	0.268g, ultralyd	0.270g, ultralyd	0.275g, ultralyd	0.273g, ultralyd	0.267g, ultralyd	0.271g, ultralyd	0.255g, ultralyd	0.217g, ultralyd	0.201g, ultralyd	0.206g, ultralyd	0.204g, ultralyd	0.207g, ultralyd	0.209g, ultralyd	0.203g, ultralyd	0.230g, ultralyd	0.503g, ultralyd
Optical Model	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Fraunhofer
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	63.45	61.13	64.07	69.44	64.4	65.75	71.64	58.51	69.78	51.88	49.32	53.15	50.33	55.19	47.14	84.81	99.46
Median:	52.17	46.65	53.93	62.98	52.78	55.73	54.14	30.13	22.95	16.67	15.92	19.43	15.04	19.66	13.17	18.5	49.38
D(3,2):	8.348	8.202	8.441	9.478	8.993	8.867	8.995	7.433	6.892	6.259	6.096	6.585	6.046	6.538	5.797	7.166	15.88
Mean/Median Ratio:	1.216	1.31	1.188	1.103	1.22	1.18	1.323	1.942	3.041	3.113	3.098	2.735	3.347	2.807	3.58	4.585	2.014
Mode:	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	7.083	66.44
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	175.7	172.4	176	184.3	176.3	180	218.7	189.5	294.7	197.7	194.2	191.1	229.6	207.7	196.1	415.5	417.2
S.D.:	57.27	56.77	57.11	58.62	57.08	58.31	75.01	66.81	114.8	74.39	73.92	70.4	91.47	77.8	75.99	168.7	162.1
Variance:	3280	3223	3261	3436	3259	3401	5627	4463	13171	5534	5464	4957	8367	6053	5775	28470	26279
C.V.:	90.27	92.87	89.13	84.42	88.64	88.7	104.7	114.2	164.5	143.4	149.9	132.5	181.7	141	161.2	198.9	163
Skewness:	0.546	0.628	0.534	0.453	0.547	0.537	2.062	1.896	3.812	2.805	3.33	2.444	4.611	3.088	3.488	3.129	4.049
Kurtosis:	-0.916	-0.794	-0.903	-0.929	-0.892	-0.879	8.094	6.421	18.92	11.96	17.21	9.402	28.55	15.26	17.6	9.734	19.98
d10:	2.573	2.539	2.599	2.904	2.804	2.746	2.747	2.342	2.22	2.104	2.059	2.177	2.063	2.168	2.008	2.453	8.378
d50:	52.17	46.65	53.93	62.98	52.78	55.73	54.14	30.13	22.95	16.67	15.92	19.43	15.04	19.66	13.17	18.5	49.38
d90:	146.4	145	146.3	152	146.8	149.7	157.9	147.6	160.4	144.6	138.2	144.4	134.9	145.3	137.1	207.8	212.4
Specific Surf. Area	7187	7316	7108	6331	6672	6766	6670	8072	8706	9587	9842	9112	9924	9177	10351	8372	3778
% <																	
10	2.573	2.539	2.599	2.904	2.804	2.746	2.747	2.342	2.22	2.104	2.059	2.177	2.063	2.168	2.008	2.453	8.378
25	7.047	6.591	7.298	9.49	8.323	7.935	8.609	5.961	5.231	4.578	4.463	4.916	4.436	4.912	4.168	5.688	21.41
50	52.17	46.65	53.93	62.98	52.78	55.73	54.14	30.13	22.95	16.67	15.92	19.43	15.04	19.66	13.17	18.5	49.38
75	110.9	107.2	110.9	117	111.4	113.2	116.2	100	102.4	82.55	75.86	87.88	65.86	89.32	67.71	74.17	104
90	146.4	145	146.3	152	146.8	149.7	157.9	147.6	160.4	144.6	138.2	144.4	134.9	145.3	137.1	207.8	212.4
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
µm																	
2	6.89	6.87	6.87	6.02	6.25	6.35	6.38	7.77	8.37	9.13	9.5	8.62	9.45	8.72	9.92	7.14	2.19
5	19.5	20.3	19.1	16.7	17.5	18.1	17.6	21.9	24.1	26.9	27.5	25.4	27.7	25.4	29.2	22.3	5.74
10	29.6	30.8	29	25.6	27.3	28	26.8	33.4	37	41.5	42.2	39.1	42.7	39.1	45	37.2	12
15	33.6	34.6	32.8	29.3	31.5	32.1	31.2	38.9	43.1	48.2	49	45.6	50	45.5	52.3	45.5	17.9
20	36.9	38	36	32.4	35.1	35.5	34.8	43.4	47.8	53.3	54.2	50.5	55.5	50.3	57.8	51.7	23.5
25	39.7	40.9	38.7	35	38.2	38.3	37.9	47	51.3	57.1	58.1	54.2	59.7	54.1	61.8	56.3	28.9
50	49.2	51.3	48.5	44.9	49	47.9	48.5	58	60.7	66.6	68	64	70.4	63.7	70.9	67.9	50.4
60	53	55.2	52.4	48.8	52.8	51.6	52.2	61.4	63.3	69.1	70.6	66.8	73.3	66.5	73.1	70.9	56.9
63	54.2	56.5	53.7	50	54	52.8	53.4	62.4	64.1	69.9	71.5	67.7	74.2	67.4	73.9	71.8	58.8
70	57.2	59.4	56.7	52.9	56.9	55.7	56.1	64.9	66.1	71.8	73.4	69.8	76.2	69.5	75.6	73.9	62.6
75	59.3	61.5	58.8	55.1	59	57.8	58.1	66.6	67.5	73.1	74.8	71.3	77.6	71	76.7	75.2	65.1
90	65.7	67.7	65.4	61.7	65.3	64.3	64	71.7	71.6	76.8	78.5	75.6	81.2	75.2	80	78.4	71
125	81.5	82.5	81.5	78.9	81.3	80.4	78.7	83.4	81.5	85.4	87	85.1	88.1	85	87.5	83	79.6
200	99.2	99.2	99.2	98.7	99.1	98.8	96.4	97.5	94.2	96.8	97.5	97.2	96.9	96.5	97.3	89.7	89.1
250	100	100	100	100	100	100	98.1	98.8	95.7	98.1	98.4	98.4	97.7	98	98.3	91.1	91.8
400	100	100	100	100	100	100	99.2	99.6	97.5	99.1	99.1	99.3	98.4	99.1	98.8	93.6	95.3
500	100	100	100	100	100	100	99.7	99.9	98.2	99.7	99.5	99.8	98.8	99.4	99.4	94.9	96.6
1000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.9	99.2
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

File name:	35.$02	36.$02	37.$02	38.$02	39.$02	40.$02	41#.$02	42.$02	43.$02	44.$02	45.$02	46.$02	47.$02	48.$02	49.$02	50.$02	51.$02
NGU prøvenr.	**79504**	**79557**	**79558**	**79559**	**79560**	**79561**	**79562**	**79563**	**79564**	**79565**	**79566**	**79567**	**79568**	**79569**	**79570**	**79571**	**79573**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R1096MC002KA 0-1cm	R1114MC003kA 0-1cm	R1114MC003kA 1-2cm	R1114MC003kA 2-3cm	R1114MC003kA 3-4cm	R1114MC003kA 4-5cm	R1114MC003kA 5-6cm	R1114MC003kA 6-7cm	R1114MC003kA 7-8cm	R1114MC003kA 8-9cm	R1114MC003kA 9-10cm	R1114MC003kA 10-11cm	R1114MC003kA 11-12cm	R1114MC003kA 12-13cm	R1114MC003kA 13-14cm	R1114MC003kA14-15cm	R1114MC003kA16-17cm
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.553g, ultralyd	0.269g, ultralyd	0.273g, ultralyd	0.277g, ultralyd	0.274g, ultralyd	0.265g, ultralyd	0.270g, ultralyd	0.289g, ultralyd	0.267g, ultralyd	0.324g, ultralyd	0.321g, ultralyd	0.339g, ultralyd	0.327g, ultralyd	0.333g, ultralyd	0.337g, ultralyd	0.338g, ultralyd	0.354g, ultralyd
Optical Model	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	102.9	109.1	97.37	94.62	84.81	80.6	86.03	90.29	87.6	96.23	100.1	97.54	100.8	89.39	97.58	98.36	112.1
Median:	97.76	83.98	66.32	58.74	55.28	57.84	58.78	74.66	62.1	75.9	83.82	77.78	75.99	74.45	77.8	82.67	88.34
D(3,2):	17.67	10.62	8.947	8.365	8.43	8.4	8.642	9.709	8.835	10.25	10.12	9.958	9.724	9.701	9.647	10.57	10.02
Mean/Median Ratio:	1.052	1.299	1.468	1.611	1.534	1.394	1.463	1.209	1.411	1.268	1.194	1.254	1.326	1.201	1.254	1.19	1.269
Mode:	116.3	168.8	168.8	168.8	168.8	168.8	168.8	168.8	168.8	168.8	168.8	168.8	168.8	168.8	168.8	168.8	168.8
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	260.6	360.3	332.3	332.9	263.9	233.3	263.3	248.4	265.5	283.8	288.4	285.2	323.5	244.4	286.1	281.1	373.2
S.D.:	80.5	128.2	119.9	121.6	91.36	77.92	90.46	80.66	90.76	95.7	96.09	95.76	113.6	79.09	96.17	93.25	133.2
Variance:	6480	16425	14370	14777	8346	6072	8182	6507	8238	9159	9233	9169	12913	6255	9250	8695	17755
C.V.:	78.26	117.5	123.1	128.5	107.7	96.68	105.2	89.34	103.6	99.45	95.99	98.17	112.8	88.48	98.56	94.8	118.9
Skewness:	2.158	3.36	3.333	3.35	1.546	0.639	1.419	0.503	1.359	1.524	1.322	1.493	2.914	0.51	1.419	1.454	3.465
Kurtosis:	9.291	19.77	19.24	19.16	3.952	-0.842	3.246	-0.945	2.937	4.159	3.203	4.144	15.93	-0.904	3.719	4.192	20.97
d10:	7.463	3.308	2.763	2.591	2.616	2.604	2.663	3.013	2.717	3.124	3.088	3.051	2.962	2.952	2.928	3.259	3.011
d50:	97.76	83.98	66.32	58.74	55.28	57.84	58.78	74.66	62.1	75.9	83.82	77.78	75.99	74.45	77.8	82.67	88.34
d90:	180.7	223.2	210.9	212.1	201.4	195.4	203.3	205.2	203.9	210.5	215.1	210.7	214.3	201.7	214.1	209	227.5
Specific Surf. Area	3396	5651	6706	7172	7118	7143	6943	6180	6791	5851	5927	6025	6170	6185	6219	5677	5986
% <																	
10	7.463	3.308	2.763	2.591	2.616	2.604	2.663	3.013	2.717	3.124	3.088	3.051	2.962	2.952	2.928	3.259	3.011
25	51.92	10.03	7.499	6.618	6.869	6.939	7.103	8.819	7.231	9.261	9.731	10.11	9.383	9.874	9.583	12.58	10.66
50	97.76	83.98	66.32	58.74	55.28	57.84	58.78	74.66	62.1	75.9	83.82	77.78	75.99	74.45	77.8	82.67	88.34
75	137.5	167.4	157.1	154.3	148	146.4	148.9	157.3	151.1	157.5	164.1	160.7	160.2	154.5	161.3	159.7	168.2
90	180.7	223.2	210.9	212.1	201.4	195.4	203.3	205.2	203.9	210.5	215.1	210.7	214.3	201.7	214.1	209	227.5
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
µm																	
2	2.78	4.92	6.34	6.77	6.76	6.86	6.58	5.7	6.3	5.07	5.44	5.69	5.85	5.95	6.01	5.32	5.8
5	7.57	15.4	18.3	19.9	19.4	19.3	19	16.7	18.8	16.4	16.2	16.1	16.7	16.4	16.6	14.9	16
10	11.7	25	28.9	31.4	30.6	30.5	29.9	26.5	29.5	25.8	25.3	24.9	25.7	25.1	25.4	23	24.4
15	13.9	28.4	32.6	35.2	34.5	34.5	33.8	30	33.4	29.2	28.6	28.3	29.1	28.8	29.1	26.5	27.9
20	15.6	31	35.4	38.1	37.6	37.6	36.8	32.7	36.4	31.8	31.3	31.1	32	31.7	32.1	29.3	30.8
25	17.2	33.3	37.8	40.6	40.3	40.2	39.4	35.1	38.9	34	33.5	33.6	34.4	34.3	34.5	31.7	33.1
50	24.4	40.6	45.3	47.8	48.5	47.9	47.5	42.6	46.6	41.7	40.5	41.6	42.2	42.5	42.2	40	40.1
60	27.8	43.3	48.1	50.4	51.4	50.7	50.4	45.5	49.4	44.8	43.2	44.6	45.1	45.5	44.8	43	42.6
63	29	44.1	49	51.2	52.4	51.6	51.3	46.4	50.3	45.8	44.1	45.5	46	46.4	45.7	44	43.4
70	32.3	46.2	51.1	53.2	54.6	53.7	53.5	48.6	52.5	48.1	46.1	47.7	48.2	48.6	47.8	46.2	45.3
75	35.1	47.6	52.6	54.6	56.1	55.3	55	50.1	54	49.7	47.6	49.2	49.7	50.2	49.2	47.8	46.7
90	44.6	51.4	56.4	58.2	60	59.3	59	54.2	58	54.1	51.5	53.2	53.7	54.3	53.2	52	50.4
125	68.1	60.3	64.8	66.4	68.2	68.2	67.7	63.6	66.7	63.9	61	62.4	63.1	64.3	62.5	62.1	59.7
200	93.2	85.1	87.6	87.5	89.7	91	89.3	88.7	89.2	87.7	86.4	87.4	86.8	89.6	86.8	87.9	84.6
250	96.9	93.6	95.1	94.8	96.5	98.1	96.2	97.2	96.1	95.3	95	95.6	94.8	97.5	95	95.9	92.7
400	98.5	97.4	97.8	97.8	98.8	100	99	100	99	98.5	98.6	98.5	98	100	98.7	98.6	96.9
500	99.3	98.2	98.6	98.4	99.5	100	99.6	100	99.6	99.3	99.4	99.2	98.6	100	99.3	99.3	98.2
1000	100	99.7	99.8	99.8	100	100	100	100	100	100	100	100	99.9	100	100	100	99.6
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

File name:	52.$02	53.$02	54#.$02	55.$02	56.$02	57.$02	58.$02	59.$02	60.$02	61.$02	62#.$02	63.$02	64.$02	65.$02	66.$02	67.$02	68.$02
NGU prøvenr.	**79575**	**79577**	**79579**	**79612**	**79700**	**79778**	**79917**			**79882**	**79883**	**79884**	**79885**	**79886**	**79887**	**79888**	**79889**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R1114MC003kA 18-19cm	R1114MC003kA 20-21cm	R1114MC003kA22-23cm	R1119MC004KA 0-1cm	R1129MC005KA 0-1cm	R1133MC006KA 0-1cm	R0932BX029K1 0-1cm	Standard Hynne	MINN standard	R0942BX026K1 0-1cm	R0942BX026K1 1-2cm	R0942BX026K1 2-3cm	R0942BX026K1 3-4cm	R0942BX026K1 4-5cm	R0942BX026K1 5-6cm	R0942BX026K1 6-7cm	R0942BX026K1 7-8cm
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.361g, ultralyd	0.360g, ultralyd	0.279g, ultralyd	0.342g, ultralyd	0.446g, ultralyd	0.227g, ultralyd	0.174g, ultralyd	0.224g, ultralyd	0.504g, ultralyd	0.172g, ultralyd	0.158g, ultralyd	0.163g, ultralyd	0.165g, ultralyd	0.169g, ultralyd	0.164g, ultralyd	0.166g, ultralyd	0.161g, ultralyd
Optical Model	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Fraunhofer	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	107.4	126.2	94.26	88.24	113.6	45.92	44.58	73.44	104.6	36.28	31.73	37.72	29.69	26.48	30.38	24.02	23.57
Median:	87.05	111.2	45.88	77.51	78.35	30.47	10.62	19.22	50.57	9.363	8.57	8.888	8.749	8.19	8.758	7.766	8.003
D(3,2):	10.07	11.27	7.435	17.55	15.2	7.146	5.376	7.321	16.18	5.246	5.058	5.388	5.194	5.057	5.188	4.918	5.282
Mean/Median Ratio:	1.233	1.135	2.055	1.138	1.449	1.507	4.198	3.82	2.067	3.875	3.702	4.243	3.393	3.234	3.469	3.093	2.945
Mode:	168.8	168.8	168.8	96.49	96.49	80.08	5.355	7.776	66.44	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	331.6	390	339.9	277.7	413.5	135	186.8	335.8	447	156	124.5	170.6	115.2	105.6	120.2	97.31	92.53
S.D.:	114.4	134.6	125.3	96.64	153	45.42	72.56	133.9	174.7	61.09	47.32	67.82	43.63	40.37	45.82	37.39	35.18
Variance:	13088	18118	15704	9340	23410	2063	5264	17917	30526	3732	2239	4599	1904	1630	2100	1398	1238
C.V.:	106.5	106.7	133	109.5	134.7	98.91	162.8	182.3	167.1	168.4	149.1	179.8	147	152.4	150.8	155.7	149.3
Skewness:	2.333	2.534	2.862	6.407	4.092	0.941	3.561	3.221	4.028	3.737	2.14	3.951	2.196	2.444	2.308	2.609	2.501
Kurtosis:	10.83	11.26	12.84	63.98	21.88	0.108	18.76	11.69	19.22	20.72	4.464	21.64	4.822	6.168	5.467	7.297	6.506
d10:	2.995	3.408	2.251	8.132	5.777	2.29	1.896	2.51	8.529	1.911	1.872	2.007	1.938	1.922	1.933	1.903	2.094
d50:	87.05	111.2	45.88	77.51	78.35	30.47	10.62	19.22	50.57	9.363	8.57	8.888	8.749	8.19	8.758	7.766	8.003
d90:	224.9	251.7	218.7	157.3	213.2	111.9	130.4	192.5	221.2	109.5	102.9	112.3	92.15	79.52	94.23	72.11	69.58
Specific Surf. Area	5959	5326	8070	3419	3948	8397	11162	8195	3708	11438	11862	11137	11552	11864	11566	12201	11360
% <																	
10	2.995	3.408	2.251	8.132	5.777	2.29	1.896	2.51	8.529	1.911	1.872	2.007	1.938	1.922	1.933	1.903	2.094
25	11.22	16.51	5.926	36.42	33.56	5.637	3.844	5.866	21.81	3.898	3.743	3.886	3.87	3.766	3.868	3.639	3.872
50	87.05	111.2	45.88	77.51	78.35	30.47	10.62	19.22	50.57	9.363	8.57	8.888	8.749	8.19	8.758	7.766	8.003
75	166.6	182.4	151.6	116.4	132.3	77.32	64.5	75.25	107.5	42.92	36.61	41.73	34.27	28.79	34.03	25.19	25.9
90	224.9	251.7	218.7	157.3	213.2	111.9	130.4	192.5	221.2	109.5	102.9	112.3	92.15	79.52	94.23	72.11	69.58
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
µm																	
2	5.83	5.2	8.33	2.6	3.47	8.1	11.1	6.89	2.14	10.9	11.3	9.93	10.6	10.8	10.6	11	9.11
5	15.9	13.9	22.1	7	9	22.6	31.8	21.7	5.64	31.9	33.4	32.4	32.5	33.6	32.4	34.8	33.4
10	24	20.9	32.8	11.3	13.7	35.1	49	36.4	11.8	51.5	53.7	52.7	53.3	55.4	53.3	57.3	56.6
15	27.5	24.2	37.3	14	16.1	39.7	54.5	44.7	17.5	58	60.2	59.1	60.2	62.6	60.3	64.9	64.5
20	30.4	26.8	40.8	16.5	18.4	43.4	58.7	50.8	23.1	62.8	65.1	63.8	65.2	67.8	65.3	70.2	69.9
25	32.8	29	43.5	19.1	20.7	46.8	62.1	55.5	28.4	67	69.2	67.7	69.6	72.3	69.7	74.9	74.4
50	40.4	35.7	50.9	31.9	33.4	59.5	71	67.3	49.6	76.7	78.5	77	79.8	82.9	79.9	85	84.9
60	42.9	38	53.1	37.8	39	64.7	73.7	70.4	56	79.2	80.9	79.5	82.4	85.4	82.5	87.3	87.5
63	43.7	38.7	53.9	39.7	40.7	66.4	74.6	71.4	57.9	80	81.7	80.3	83.2	86.2	83.3	88	88.3
70	45.7	40.4	55.6	44.5	45	70.6	76.6	73.5	61.7	81.9	83.5	82.2	85.1	88	85.2	89.6	90.1
75	47	41.6	56.7	48.2	48	73.6	78.1	74.9	64.1	83.2	84.8	83.5	86.4	89.1	86.4	90.6	91.2
90	50.7	45	59.9	59	56.6	81.7	81.9	78.2	70.1	86.7	87.9	86.7	89.6	91.7	89.4	92.8	93.7
125	60.2	54.2	67.5	79.2	72.4	93.2	89	83.1	78.9	92.2	93	91.6	94.3	95.2	93.7	95.9	96.5
200	85	80.3	87	96.2	88.7	99.8	97.4	90.4	88.7	98.2	98.9	97.5	99.2	99.4	98.8	99.6	99.8
250	93.2	89.8	93.3	98.2	92.1	100	98.4	92.3	91.3	98.8	99.8	98.4	99.9	99.9	99.7	99.9	100
400	97.4	96.1	97.1	98.8	95.4	100	99	95.6	94.8	99.4	100	99.2	100	100	100	100	100
500	98.6	97.8	98.1	99.2	97	100	99.5	97.2	96.2	99.8	100	99.6	100	100	100	100	100
1000	99.9	99.8	99.9	99.7	99.2	100	100	100	98.8	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

File name:	69.$02	70.$02	71.$02	72.$02	73.$02	74.$02	75#.$02	76.$02	77.$02	78.$02	79.$02	80.$02	81.$02	82.$02	83.$02	84.$02	85#.$02
NGU prøvenr.	**79890**	**79891**	**79892**	**79893**	**79894**	**79895**	**79896**	**79898**	**79900**	**79902**	**79904**	**79906**	**79852**	**79978**			**80042**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R0942BX026K1 8-9cm	R0942BX026K1 9-10cm	R0942BX026K1 10-11cm	R0942BX026K1 11-12cm	R0942BX026K1 12-13cm	R0942BX026K1 13-14cm	R0942BX026K1 14-15cm	R0942BX026K1 16-17cm	R0942BX026K1 18-19cm	R0942BX026K1 20-21cm	R0942BX026K1 22-23cm	R0942BX026K1 24-25cm	R0973BX025K1 0-1cm	R1137MC009KA 0-1cm	Standard Hynne	MINN standard	R1139MC010KA 0-1cm
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.163g, ultralyd	0.162g, ultralyd	0.153g, ultralyd	0.151g, ultralyd	0.154g, ultralyd	0.153g, ultralyd	0.151g, ultralyd	0.149g, ultralyd	0.150g, ultralyd	0.150g, ultralyd	0.147g, ultralyd	0.149g, ultralyd	0.338g, ultralyd	0.221g, ultralyd	0.232g, ultralyd	0.506g, ultralyd	0.222g, ultralyd
Optical Model	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Fraunhofer	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	26	25.31	25.12	25.81	26.61	31.91	30.96	27.01	28.08	42.26	33.28	44.84	93.01	33.36	80.14	93.54	44.33
Median:	7.709	7.731	7.788	8.134	7.606	8.984	8.992	8.181	8.377	10.37	9.483	11.72	76.43	15.52	19.57	47.7	22.4
D(3,2):	4.897	5.008	4.835	4.91	5.041	5.151	5.162	4.948	4.951	5.486	5.246	5.682	9.288	6.084	7.343	15.61	7.328
Mean/Median Ratio:	3.372	3.274	3.225	3.172	3.498	3.552	3.443	3.301	3.353	4.076	3.51	3.825	1.217	2.149	4.095	1.961	1.979
Mode:	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878	140.1	23.81	7.083	60.52	72.95
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	111.2	107.5	106.4	106.8	113.3	130.6	126.1	110	114.9	193.3	131.7	197.6	281.3	117.9	373.6	407.4	152.2
S.D.:	43.46	41.93	41.48	41.34	44.21	50.35	48.55	42.35	44.31	77.08	50.2	77.96	96.07	43.14	149.7	160.1	55.01
Variance:	1888	1758	1720	1709	1954	2535	2357	1793	1964	5941	2520	6078	9229	1861	22418	25645	3026
C.V.:	167.2	165.7	165.1	160.2	166.1	157.8	156.8	156.8	157.8	182.4	150.8	173.9	103.3	129.3	186.8	171.2	124.1
Skewness:	2.889	2.893	2.86	2.763	2.743	2.485	2.534	2.494	2.597	3.905	2.225	3.568	1.64	1.977	3.131	4.676	2.468
Kurtosis:	9.169	9.171	8.854	8.358	7.917	6.495	6.962	6.309	7.397	19.81	4.82	16.53	4.12	3.687	10.38	26.17	9.577
d10:	1.903	1.961	1.858	1.861	1.984	1.906	1.914	1.873	1.861	1.981	1.924	2.023	2.814	2.081	2.498	8.243	2.405
d50:	7.709	7.731	7.788	8.134	7.606	8.984	8.992	8.181	8.377	10.37	9.483	11.72	76.43	15.52	19.57	47.7	22.4
d90:	74.67	72.15	71.74	74.56	77.61	99.69	95.25	81.2	85.11	121.5	107.1	129.2	203.4	94.39	206.4	189.3	113.9
Specific Surf. Area	12253	11981	12409	12220	11902	11648	11623	12126	12118	10937	11438	10559	6460	9863	8171	3843	8188
% <																	
10	1.903	1.961	1.858	1.861	1.984	1.906	1.914	1.873	1.861	1.981	1.924	2.023	2.814	2.081	2.498	8.243	2.405
25	3.612	3.667	3.581	3.657	3.604	3.806	3.825	3.629	3.669	4.05	3.914	4.226	8.294	4.679	5.854	20.88	6.054
50	7.709	7.731	7.788	8.134	7.606	8.984	8.992	8.181	8.377	10.37	9.483	11.72	76.43	15.52	19.57	47.7	22.4
75	25.48	25.19	25.06	26.62	25.99	33.38	32.72	28.05	29.2	47.71	37.18	54.22	144.5	43.06	78.69	99.38	67.04
90	74.67	72.15	71.74	74.56	77.61	99.69	95.25	81.2	85.11	121.5	107.1	129.2	203.4	94.39	206.4	189.3	113.9
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
µm																	
2	11	10.4	11.5	11.4	10.2	10.9	10.9	11.4	11.4	10.2	10.7	9.8	6.26	9.33	6.92	2.22	7.39
5	35.2	34.9	35.1	34.2	35.6	32.6	32.5	34.3	33.9	30.7	31.7	29.3	17.5	26.4	21.8	5.84	21.6
10	57.4	57.4	57.1	55.6	57.7	52.6	52.6	55.3	54.5	49.3	51.2	47.1	27.2	40.8	36.3	12.2	34
15	64.9	64.9	64.7	63.2	64.9	59.9	60	62.8	61.9	56	58.3	53.8	30.5	49.2	44.4	18.2	41.3
20	70.2	70.3	70.2	68.9	70	65.3	65.4	68.2	67.5	61	63.7	59	33.2	56.4	50.5	24	47.4
25	74.7	74.9	75	73.7	74.3	69.8	70.1	72.8	72.1	65.3	68.2	63.3	35.4	62.3	55.1	29.6	52.5
50	84.5	85.1	85.3	84.4	84	80.2	80.6	83.2	82.4	75.6	78.7	73.9	42.2	77.7	66.6	51.6	67.5
60	86.8	87.3	87.5	86.8	86.3	82.6	83.1	85.5	84.7	78.2	81.2	76.6	44.8	81.2	69.7	58.2	71.8
63	87.5	88	88.2	87.5	87	83.3	83.8	86.3	85.4	79	81.9	77.4	45.7	82.2	70.6	60	73.1
70	89.1	89.6	89.7	89.1	88.6	85.1	85.6	87.9	87	80.9	83.7	79.3	47.9	84.5	72.7	63.9	76.4
75	90.1	90.5	90.6	90.1	89.5	86.2	86.7	88.9	88.1	82.2	84.8	80.6	49.5	86	74.1	66.3	78.6
90	92.2	92.5	92.6	92.3	91.6	88.8	89.3	91.2	90.7	85.4	87.7	83.9	54.6	89.3	77.3	72.2	84.3
125	94.7	95	95	95.1	94.2	92.6	93.2	94.4	94.4	90.4	92.1	89.4	67.6	93.8	82.3	80.9	91.8
200	98.7	98.9	99	99.1	98.7	98	98.3	99.2	98.9	96.6	98.2	96.3	89.5	99.4	89.7	90.9	98.2
250	99.6	99.7	99.8	99.8	99.7	99.3	99.4	99.9	99.7	97.7	99.6	97.4	94.6	100	91.6	93.4	99.1
400	100	100	100	100	100	100	100	100	100	98.7	100	98.8	98.3	100	94.5	96.3	99.8
500	100	100	100	100	100	100	100	100	100	99.3	100	99.5	99.4	100	96	97.3	100
1000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	98.9	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

File name:	86.$02	87.$02	88.$02	89.$02	90.$02	91.$02	92.$02	93.$02	94.$02	95.$02	96.$02	97#.$02	98.$02	99.$02	100.$02	101.$02	102.$02
NGU prøvenr.	**80043**	**80044**	**80045**	**80046**	**80047**	**80048**	**80049**	**80050**	**80051**	**80052**	**80053**	**80054**	**80055**	**80056**	**80058**	**80060**	**80062**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R1139MC010KA 1-2cm	R1139MC010KA 2-3cm	R1139MC010KA 3-4cm	R1139MC010KA 4-5cm	R1139MC010KA 5-6cm	R1139MC010KA 6-7cm	R1139MC010KA 7-8cm	R1139MC010KA 8-9cm	R1139MC010KA 9-10cm	R1139MC010KA 10-11cm	R1139MC010KA 11-12cm	R1139MC010KA 12-13cm	R1139MC010KA 13-14cm	R1139MC010KA 14-15cm	R1139MC010KA 16-17cm	R1139MC010KA 18-19cm	R1139MC010KA 20-21cm
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.223g, ultralyd	0.220g, ultralyd	0.226g, ultralyd	0.222g, ultralyd	0.225g, ultralyd	0.223g, ultralyd	0.226g, ultralyd	0.227g, ultralyd	0.223g, ultralyd	0.227g, ultralyd	0.228g, ultralyd	0.229g, ultralyd	0.228g, ultralyd	0.229g, ultralyd	0.229g, ultralyd	0.233g, ultralyd	0.234g, ultralyd
Optical Model	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	37.44	43.3	46.02	41.8	64.85	42.64	43.19	42.16	47.82	50.71	44.26	65.79	45.5	63.1	47.96	38.25	38.53
Median:	19.92	19.94	23.58	22.91	24.98	25.01	25.14	24.99	29.82	28.27	26.8	29.07	26.95	26.81	22.31	21.67	21.4
D(3,2):	6.832	6.893	7.6	7.552	7.848	7.856	7.938	7.963	8.707	8.581	8.249	8.637	8.232	8.216	7.529	7.292	7.259
Mean/Median Ratio:	1.879	2.172	1.952	1.825	2.596	1.705	1.718	1.687	1.604	1.794	1.651	2.263	1.688	2.354	2.15	1.766	1.801
Mode:	72.95	72.95	72.95	72.95	72.95	72.95	72.95	72.95	72.95	72.95	72.95	72.95	72.95	72.95	72.95	66.44	66.44
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	119.9	169.5	170.5	131.3	308.3	130.2	131.7	128.3	141.9	182	134	273.6	138.1	282.7	218.3	120.1	122.7
S.D.:	42.05	64.37	63.5	45.66	124.2	44.68	45.16	43.94	48.02	66.97	45.79	106	47.27	112.1	86.93	41.75	42.95
Variance:	1768	4144	4033	2085	15425	1996	2040	1930	2306	4486	2097	11246	2234	12555	7556	1743	1844
C.V.:	112.3	148.7	138	109.2	191.5	104.8	104.6	104.2	100.4	132.1	103.5	161.2	103.9	177.6	181.3	109.1	111.5
Skewness:	1.481	4.277	4.18	1.415	4.274	1.335	1.286	1.338	1.238	4.492	1.37	3.852	1.318	4.344	6.013	1.543	1.637
Kurtosis:	1.708	28.42	28.73	1.471	20.42	1.303	1.042	1.32	1.035	36.68	1.54	19.02	1.232	22.68	46.64	2.19	2.61
d10:	2.255	2.292	2.506	2.493	2.551	2.574	2.6	2.63	2.863	2.858	2.728	2.813	2.717	2.708	2.531	2.431	2.423
d50:	19.92	19.94	23.58	22.91	24.98	25.01	25.14	24.99	29.82	28.27	26.8	29.07	26.95	26.81	22.31	21.67	21.4
d90:	100.4	109.3	113.8	111.3	134.5	108.9	111.7	107.5	119.4	121.9	111	150.7	116.4	136.3	106.3	97	97.98
Specific Surf. Area	8783	8705	7895	7945	7646	7638	7559	7535	6891	6992	7274	6947	7289	7303	7970	8228	8266
% <																	
10	2.255	2.292	2.506	2.493	2.551	2.574	2.6	2.63	2.863	2.858	2.728	2.813	2.717	2.708	2.531	2.431	2.423
25	5.623	5.534	6.929	6.804	7.097	7.295	7.279	7.493	8.841	8.73	8.126	7.878	8.028	7.975	6.97	6.559	6.549
50	19.92	19.94	23.58	22.91	24.98	25.01	25.14	24.99	29.82	28.27	26.8	29.07	26.95	26.81	22.31	21.67	21.4
75	58.63	61.7	67.05	65.55	72.33	67.62	68.63	66.59	75.11	73.22	69.04	80.42	71.24	73.74	62.24	59.51	59.06
90	100.4	109.3	113.8	111.3	134.5	108.9	111.7	107.5	119.4	121.9	111	150.7	116.4	136.3	106.3	97	97.98
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
µm																	
2	8.22	7.96	7.19	7.18	6.95	6.91	6.73	6.69	6.06	6.16	6.48	5.88	6.51	6.57	7.16	7.5	7.55
5	22.9	23.1	19.6	19.9	19.4	19	19	18.6	16.8	16.8	17.7	18	17.8	17.8	19.4	20.4	20.4
10	35.6	36	31.4	31.8	30.8	30.3	30.4	29.9	26.9	27.2	28.4	28.8	28.6	28.8	31.7	32.8	32.9
15	43.4	43.6	39.3	39.8	38.2	37.9	37.9	37.6	34	34.6	35.9	35.6	36.1	36.4	40.1	41.1	41.3
20	50.1	50.1	45.9	46.6	44.6	44.5	44.3	44.3	40.2	41.2	42.5	41.5	42.6	42.9	47.2	48	48.3
25	55.7	55.4	51.5	52.3	50	50	49.9	50	45.5	46.8	48.2	46.5	48.1	48.3	53	53.7	54
50	71.4	70.2	67.4	68.2	65.4	66.4	66.1	66.9	62.2	63.6	65.3	61.5	64.4	63.9	69.2	70.2	70.4
60	75.6	74.3	71.7	72.5	69.6	71.2	70.8	71.7	67.2	68.5	70.3	65.9	69.3	68.5	73.9	75.3	75.5
63	76.9	75.6	73.1	73.9	70.9	72.7	72.3	73.2	68.8	70	71.9	67.3	70.8	70	75.4	76.8	77.1
70	80	78.5	76.4	77	74	76.2	75.7	76.7	72.4	73.5	75.5	70.6	74.4	73.3	78.8	80.4	80.6
75	82.1	80.6	78.6	79.1	76.1	78.6	78	79.1	74.9	75.8	78	72.8	76.8	75.6	81	82.7	82.8
90	87.3	85.6	84.2	84.6	81.4	84.7	83.9	85.1	81.5	81.8	84.2	78.4	83	81	86.4	88.2	88.1
125	94.4	92.5	92	92.6	88.6	93.2	92.7	93.5	91.2	90.6	92.7	86.3	91.7	88.4	92.7	94.6	94.2
200	99.8	98.2	98.4	99.5	95	99.6	99.6	99.6	99.2	98.1	99.3	93.8	99.3	94.9	97.9	99.6	99.4
250	100	98.8	98.9	100	95.8	100	100	100	99.9	98.9	100	95.4	100	95.9	98.3	100	100
400	100	99.2	99.3	100	96.6	100	100	100	100	99.3	100	97.5	100	97.3	98.7	100	100
500	100	99.6	99.6	100	97.3	100	100	100	100	99.6	100	98.4	100	98.1	99	100	100
1000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

File name:	103.$02	104#.$02	105.$02	106.$02	107.$02	108.$02	109.$02	110.$02	111.$02	112.$02	113.$02	114.$02	115.$02	116#.$02	117.$02	118.$02	119.$02
NGU prøvenr.	**80064**	**80066**	**80068**	**80070**	**80072**			**80106**	**80107**	**80108**	**80109**	**80110**	**80111**	**80112**	**80113**	**80114**	**80115**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R1139MC010KA 22-23cm	R1139MC010KA 24-25cm	R1139MC010KA 26-27cm	R1139MC010KA 28-29cm	R1139MC010KA 30-31cm	Standard Hynne	MINN standard	R1146MC011KA 0-1cm	R1146MC011KA 1-2cm	R1146MC011KA 2-3cm	R1146MC011KA3-4cm	R1146MC011KA 4-5cm	R1146MC011KA 5-6cm	R1146MC011KA 6-7cm	R1146MC011KA 7-8cm	R1146MC011KA 8-9cm	R1146MC011KA 9-10cm
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.234g, ultralyd	0.235g, ultralyd	0.231g, ultralyd	0.226g, ultralyd	0.230g, ultralyd	0.233g, ultralyd	0.505g, ultralyd	0.233g, ultralyd	0.237g, ultralyd	0.235g, ultralyd	0.235g, ultralyd	0.236g, ultralyd	0.236g, ultralyd	0.237g, ultralyd	0.236g, ultralyd	0.235g, ultralyd	0.238g, ultralyd
Optical Model	Leire	Leire	Leire	Leire	Leire	Leire	Fraunhofer	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	43.48	46.19	47.52	55.32	61.74	84.26	90.46	57.69	39.75	40.27	39.09	40.98	53.42	54.95	36.89	32.5	35.53
Median:	25.75	24	22.77	27.31	27.41	20.33	47.25	28.63	23.92	24.48	24.41	26.74	28.24	27.22	24.42	22.05	22.74
D(3,2):	7.895	7.555	7.289	7.905	7.812	7.504	15.43	7.984	7.49	7.503	7.553	7.906	8.227	8.123	7.649	7.234	7.36
Mean/Median Ratio:	1.689	1.925	2.087	2.026	2.252	4.146	1.915	2.015	1.662	1.645	1.602	1.533	1.892	2.018	1.511	1.474	1.562
Mode:	72.95	66.44	72.95	72.95	72.95	18	60.52	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	132.6	167.2	180.3	196.2	245.2	393.5	382	257.2	122.7	124.4	119.3	122.5	220.3	229.1	108	92.51	107
S.D.:	45.49	61.74	67.76	71.89	93.6	157.8	148.7	101.8	42.32	42.9	40.94	41.61	85.14	88.85	36.26	30.62	36.46
Variance:	2069	3812	4591	5168	8762	24889	22124	10361	1791	1841	1676	1731	7249	7895	1315	937.4	1329
C.V.:	104.6	133.7	142.6	129.9	151.6	187.2	164.4	176.4	106.5	106.5	104.7	101.5	159.4	161.7	98.28	94.2	102.6
Skewness:	1.366	3.688	3.69	2.615	3.9	3.124	4.624	5.075	1.42	1.475	1.473	1.41	5.007	4.568	1.218	0.985	1.435
Kurtosis:	1.499	23.22	20.3	9.697	22.63	10.22	26.66	31.98	1.758	1.942	2.03	1.91	34.94	28.55	1.036	0.0696	1.941
d10:	2.618	2.502	2.393	2.573	2.525	2.55	8.145	2.552	2.467	2.425	2.461	2.573	2.678	2.634	2.497	2.396	2.422
d50:	25.75	24	22.77	27.31	27.41	20.33	47.25	28.63	23.92	24.48	24.41	26.74	28.24	27.22	24.42	22.05	22.74
d90:	109.5	113.7	117.7	143	154.2	215.9	188.2	122.6	99.13	100.5	96.07	98.92	119.2	123.8	89.19	79.9	85.95
Specific Surf. Area	7600	7941	8232	7590	7680	7995	3888	7515	8010	7996	7944	7589	7293	7387	7844	8294	8152
% <																	
10	2.618	2.502	2.393	2.573	2.525	2.55	8.145	2.552	2.467	2.425	2.461	2.573	2.678	2.634	2.497	2.396	2.422
25	7.441	6.981	6.472	7.283	7.056	6.028	20.67	7.393	5.925	6.553	6.834	7.566	8.049	7.207	6.958	6.468	6.554
50	25.75	24	22.77	27.31	27.41	20.33	47.25	28.63	23.92	24.48	24.41	26.74	28.24	27.22	24.42	22.05	22.74
75	68.04	65.97	66.08	76.4	80.12	82.79	98.1	70	62.48	61.96	60.21	63.22	67.91	68.82	58.66	52.91	55.29
90	109.5	113.7	117.7	143	154.2	215.9	188.2	122.6	99.13	100.5	96.07	98.92	119.2	123.8	89.19	79.9	85.95
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
µm																	
2	6.85	7.3	7.68	6.99	7.14	6.72	2.26	6.95	6.89	7.38	7.3	6.95	6.62	6.46	7.13	7.6	7.44
5	18.6	19.5	20.6	19	19.4	21.2	5.92	19.1	21.9	20.6	20	18.8	17.9	19.2	19.7	20.7	20.6
10	30.1	31.4	32.8	30.4	30.9	35.6	12.4	29.5	34	31.9	31.3	29.4	28.4	30.2	31	32.6	32.3
15	37.8	39.2	40.6	37.5	37.9	43.6	18.4	36	40.5	38.9	38.6	36.5	35.3	36.9	38.4	40.5	39.9
20	44.1	45.7	47	43.4	43.6	49.6	24.2	41.7	46.1	45.1	45	42.7	41.5	42.8	44.9	47.4	46.7
25	49.3	51	52.2	48.1	48.1	54.3	29.9	46.8	51	50.5	50.6	48.2	46.9	47.9	50.6	53.5	52.5
50	65.1	66.8	67.2	62.3	61.5	65.7	51.9	63.8	67.8	68.3	69.1	67	64.9	64.8	69.7	73.2	71.9
60	70.5	71.9	72	67.1	65.9	68.8	58.5	69.5	73.6	73.9	74.9	73	70.6	70.3	75.8	79.3	77.8
63	72.2	73.5	73.5	68.6	67.4	69.7	60.4	71.2	75.3	75.6	76.6	74.9	72.3	71.9	77.7	81.1	79.6
70	76.1	77.1	76.9	72	70.7	71.8	64.3	75	79.2	79.4	80.4	78.9	76.1	75.6	81.7	85.1	83.4
75	78.6	79.4	79.2	74.4	72.9	73.2	66.7	77.5	81.7	81.8	82.8	81.5	78.5	78	84.3	87.7	85.8
90	84.8	84.9	84.5	80	78.4	76.4	72.6	83.3	87.6	87.4	88.4	87.5	84.2	83.5	90.3	93.9	91.2
125	92.8	91.7	91	87.4	85.9	81.3	81.2	90.3	94.4	94	94.9	94.7	90.8	90.1	97	99.6	96.7
200	99.4	97.9	97.3	95.4	94.1	89.1	91	96.3	99.7	99.6	99.7	99.6	96.7	96.1	100	100	99.9
250	100	98.8	98.4	97.4	96.2	91.3	93.6	97.2	100	100	100	100	97.6	97.1	100	100	100
400	100	99.5	99.1	99.4	98.6	94.4	96.5	98	100	100	100	100	98.7	98.3	100	100	100
500	100	99.8	99.6	99.8	99.2	95.7	97.5	98.5	100	100	100	100	99.2	99.1	100	100	100
1000	100	100	100	100	100	100	99.2	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

File name:	120.$02	121#.$02	122.$02	123.$02	124.$02	125.$02	126.$02	127.$02	128.$02	129#.$02	130.$02	131.$02	132.$02	133.$02	134.$02	135.$02	136.$02
NGU prøvenr.	**80116**	**80117**	**80118**	**80119**	**80120**	**80122**	**80124**	**80126**	**80128**	**80130**	**80132**	**80134**	**80136**	**80138**	**80140**	**80142**	**80144**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R1146MC011KA 10-11cm	R1146MC011KA 11-12cm	R1146MC011KA12-13cm	R1146MC011KA 13-14cm	R1146MC011KA 14-15cm	R1146MC011KA 16-17cm	R1146MC011KA 18-19cm	R1146MC011KA 20-21cm	R1146MC011KA 22-23cm	R1146MC011KA 24-25cm	R1146MC011KA 26-27cm	R1146MC011KA 28-29cm	R1146MC011KA 30-31cm	R1146MC011KA 32-33cm	R1146MC011KA 34-35cm	R1146MC011KA 36-37cm	R1146MC011KA 38-39cm
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.241g, ultralyd	0.242g, ultralyd	0.241g, ultralyd	0.244g, ultralyd	0.241g, ultralyd	0.242g, ultralyd	0.243g, ultralyd	0.242g, ultralyd	0.245g, ultralyd	0.248g, ultralyd	0.242g, ultralyd	0.243g, ultralyd	0.243g, ultralyd	0.241g, ultralyd	0.240g, ultralyd	0.244g, ultralyd	0.242g, ultralyd
Optical Model	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	51.78	38.22	47.38	59.89	55.93	54.61	49.9	56.67	59.92	50	44.97	37.58	47.29	33.73	38.57	49.65	56.14
Median:	25.31	24.04	29.66	26.94	26.88	28.11	28.94	32.86	26.11	30.75	26.27	25.39	28.44	20.56	25.24	29.58	33.18
D(3,2):	7.838	7.602	8.531	8.071	8.03	8.267	8.439	8.924	7.983	8.546	8.03	7.801	8.365	7.058	7.815	8.442	8.912
Mean/Median Ratio:	2.046	1.59	1.598	2.223	2.08	1.943	1.724	1.724	2.295	1.626	1.712	1.48	1.662	1.64	1.528	1.679	1.692
Mode:	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	221.9	118	162.9	280.3	254.6	232.1	190.2	224	275.1	186	163.2	108.7	166.6	104.9	115.6	175.8	215.4
S.D.:	86.79	40.68	58.95	112.4	101.4	90.56	71.57	85.38	109.8	69.39	60.31	36.28	60.86	36.3	39.32	64.36	81.24
Variance:	7532	1655	3475	12643	10277	8201	5122	7290	12053	4814	3638	1316	3704	1317	1546	4143	6600
C.V.:	167.6	106.4	124.4	187.7	181.3	165.8	143.4	150.7	183.2	138.8	134.1	96.54	128.7	107.6	102	129.6	144.7
Skewness:	4.885	1.617	3.653	4.826	4.945	5.041	4.822	4.959	4.511	4.891	4.071	1.159	3.536	1.647	1.486	3.599	4.785
Kurtosis:	32.27	2.687	22.54	27.54	30.1	33.94	36.84	35.4	24.45	37.45	25.58	0.811	18.69	2.814	2.226	19.9	34.19
d10:	2.555	2.492	2.788	2.599	2.597	2.696	2.756	2.877	2.593	2.755	2.64	2.554	2.738	2.345	2.576	2.772	2.918
d50:	25.31	24.04	29.66	26.94	26.88	28.11	28.94	32.86	26.11	30.75	26.27	25.39	28.44	20.56	25.24	29.58	33.18
d90:	118.4	91.96	108.6	129.1	116.9	122.9	113.6	124.8	134	110.7	103.7	90.18	106.6	82.45	91.45	113.2	126.1
Specific Surf. Area	7655	7893	7033	7434	7472	7258	7109	6723	7516	7021	7472	7692	7173	8501	7677	7107	6732
% <																	
10	2.555	2.492	2.788	2.599	2.597	2.696	2.756	2.877	2.593	2.755	2.64	2.554	2.738	2.345	2.576	2.772	2.918
25	7.297	6.917	8.648	7.443	7.518	8.18	8.527	9.135	7.585	8.614	7.81	7.315	8.359	6.245	7.506	8.421	9.444
50	25.31	24.04	29.66	26.94	26.88	28.11	28.94	32.86	26.11	30.75	26.27	25.39	28.44	20.56	25.24	29.58	33.18
75	63.01	57.46	66.12	66.45	64.38	66.61	65.69	72.67	65.45	68.12	62.16	59.77	65.81	50.83	59.03	68.69	73
90	118.4	91.96	108.6	129.1	116.9	122.9	113.6	124.8	134	110.7	103.7	90.18	106.6	82.45	91.45	113.2	126.1
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter µm	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
2	6.96	7.16	6.27	6.71	6.77	6.58	6.36	5.92	6.85	6.31	6.74	6.97	6.45	7.85	6.97	6.37	6.02
5	19.1	19.8	17.2	18.9	18.8	17.8	17.4	16.8	18.7	17.4	18.3	19.1	17.5	21.2	18.8	17.4	16.3
10	30.1	31.2	27.2	29.6	29.4	28.1	27.4	26.3	29.4	27.2	29	30.1	27.8	33.6	29.7	27.7	25.8
15	37.5	38.6	33.9	36.5	36.4	35.1	34.3	32.6	36.7	33.6	36.4	37.4	34.8	41.9	37.2	34.6	32.3
20	44	45.3	40	42.7	42.6	41.4	40.5	38.2	43.2	39.5	42.9	43.9	41.1	49.2	43.9	40.6	38
25	49.7	51.1	45.4	48.1	48.1	46.9	46	43.2	48.9	44.7	48.7	49.6	46.6	55.4	49.7	45.8	43
50	68	70.6	64.9	66.2	66.7	65.6	65.6	61.3	67	63.5	67.9	68.8	65.4	74.5	69.4	63.6	61
60	73.4	76.5	71.2	71.6	72.5	71.4	71.7	67.5	72.3	69.9	73.7	75.1	71.5	80	75.6	69.7	67.3
63	75	78.2	73.1	73.3	74.2	73.1	73.5	69.4	73.8	71.9	75.5	77.1	73.3	81.6	77.4	71.6	69.2
70	78.5	82	77.3	76.8	78	76.8	77.4	73.6	77.1	76.1	79.3	81.2	77.4	85.2	81.4	75.8	73.4
75	80.6	84.3	79.9	79	80.3	79.1	79.8	76.2	79.2	78.8	81.7	83.9	80	87.3	84	78.4	76.1
90	85.4	89.5	85.8	83.9	85.4	84.3	85.3	82.5	83.8	85.1	87	89.9	86	92	89.6	84.6	82.3
125	90.8	94.9	92.4	89.5	90.9	90.3	91.5	90	89	92.2	93	97	92.8	96.5	95.5	91.8	89.8
200	96.4	99.6	98.1	95.2	95.9	96.3	97.3	96.5	94.7	97.9	98.4	100	97.9	99.9	99.8	97.5	96.6
250	97.4	100	98.9	96.3	96.8	97.4	98.3	97.6	96	98.7	98.9	100	98.4	100	100	98.3	97.8
400	98.5	100	99.5	97.8	97.9	98.5	99.2	98.7	97.6	99.1	99.3	100	99.4	100	100	99.3	98.9
500	99	100	99.8	98.2	98.5	98.9	99.5	99.2	98.2	99.5	99.7	100	99.8	100	100	99.7	99.3
1000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

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Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

File name:	137.$02	138.$02	139.$02	140.$02	141.$02	142#.$02	143.$02	144.$02	145#.$02	146.$02	147.$02	148.$02	149.$02	150.$02	151.$02	152.$02	153.$02
NGU prøvenr.			**80186**	**80187**	**80188**	**80189**	**80190**	**80191**	**80192**	**80193**	**80194**	**80195**	**80196**	**80197**	**80198**	**80199**	**80200**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	Standard Hynne	MINN standard	R1165MC012KA 0-1cm	R1165MC012KA 1-2cm	R1165MC012KA 2-3cm	R1165MC012KA3-4cm	R1165MC012KA 4-5cm	R1165MC012KA 5-6cm	R1165MC012KA 6-7cm	R1165MC012KA 7-8cm	R1165MC012KA 8-9cm	R1165MC012KA 9-10cm	R1165MC012KA 10-11cm	R1165MC012KA 11-12cm	R1165MC012KA12-13cm	R1165MC012KA 13-14cm	R1165MC012KA 14-15cm
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.231g, ultralyd	0.501g, ultralyd	0.226g, ultralyd	0.232g, ultralyd	0.231g, ultralyd	0.233g, ultralyd	0.235g, ultralyd	0.234g, ultralyd	0.234g, ultralyd	0.235g, ultralyd	0.233g, ultralyd	0.233g, ultralyd	0.235g, ultralyd	0.234g, ultralyd	0.239g, ultralyd	0.241g, ultralyd	0.241g, ultralyd
Optical Model	Leire	Fraunhofer	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	85.14	88.6	49.57	43.22	35.71	37.87	42.71	41.46	38.31	39.57	39.83	40.32	38.21	39.99	38.1	38.85	39.19
Median:	19.77	46.54	22.98	26.02	22.31	25.82	24.78	25.21	25.18	26.09	26.77	28.12	24.38	27.1	25	26.88	27.92
D(3,2):	7.395	15.56	7.551	7.922	7.439	8.078	8.012	8.121	8.496	8.317	8.44	8.653	8.033	8.442	8.102	8.415	8.555
Mean/Median Ratio:	4.306	1.904	2.157	1.661	1.6	1.466	1.724	1.645	1.521	1.516	1.488	1.434	1.568	1.475	1.524	1.446	1.404
Mode:	18	60.52	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	402.1	377.9	254.1	155.7	111.1	111.9	154.5	140	114.7	118.5	118.7	117.5	116.6	118.1	115.1	113.7	113.3
S.D.:	161.7	147.6	104.4	57.41	38.45	37.78	57.06	50.27	38.96	40.29	40.25	39.39	39.99	39.88	39.3	38.19	37.79
Variance:	26156	21788	10892	3295	1479	1428	3255	2527	1518	1623	1620	1552	1599	1590	1544	1459	1428
C.V.:	189.9	166.6	210.6	132.8	107.7	99.78	133.6	121.2	101.7	101.8	101.1	97.7	104.6	99.73	103.1	98.3	96.44
Skewness:	3.055	4.677	5.48	4.329	1.659	1.494	3.783	3.153	1.514	1.508	1.556	1.461	1.572	1.462	1.594	1.447	1.432
Kurtosis:	9.514	27.12	33.52	30.43	2.866	2.298	21.98	16.81	2.123	2.121	2.438	2.182	2.358	2.015	2.552	1.997	2.061
d10:	2.517	8.245	2.522	2.6	2.475	2.683	2.657	2.7	2.923	2.803	2.862	2.934	2.696	2.835	2.735	2.844	2.888
d50:	19.77	46.54	22.98	26.02	22.31	25.82	24.78	25.21	25.18	26.09	26.77	28.12	24.38	27.1	25	26.88	27.92
d90:	220.5	180.5	89.76	99.1	87.09	88.75	98.21	97.12	92.25	96.03	94.06	93.31	93.73	95.17	91.28	91.15	89.85
Specific Surf. Area	8114	3856	7946	7574	8065	7428	7488	7388	7062	7214	7109	6934	7469	7107	7406	7130	7014
% <																	
10	2.517	8.245	2.522	2.6	2.475	2.683	2.657	2.7	2.923	2.803	2.862	2.934	2.696	2.835	2.735	2.844	2.888
25	5.92	20.73	6.59	7.769	6.328	8.155	7.81	7.973	8.388	8.552	8.976	9.332	7.747	8.818	8.223	8.893	9.237
50	19.77	46.54	22.98	26.02	22.31	25.82	24.78	25.21	25.18	26.09	26.77	28.12	24.38	27.1	25	26.88	27.92
75	79.66	93.54	54.57	59.97	53.24	57.03	57.6	58.37	56.58	58.37	58.57	60.23	56.34	59.46	55.89	57.72	58.42
90	220.5	180.5	89.76	99.1	87.09	88.75	98.21	97.12	92.25	96.03	94.06	93.31	93.73	95.17	91.28	91.15	89.85
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
µm																	
2	6.86	2.21	6.95	6.89	7.02	6.63	6.64	6.49	5.81	6.3	6.22	6.01	6.47	6.22	6.51	6.23	6.15
5	21.6	5.83	20.3	18.5	21	17.8	18.2	18	16.9	17.1	16.6	16.2	18.2	16.8	17.5	16.7	16.4
10	36.1	12.2	32.3	29	32.8	28.3	29.1	28.7	28	27.6	26.7	26.1	29.3	27	28.3	26.9	26.2
15	44.2	18.3	39.7	36.2	40.3	35.8	36.8	36.5	36	35.2	34.3	33.4	37.2	34.4	36.2	34.4	33.5
20	50.2	24.2	46.4	42.9	47.1	42.7	43.9	43.5	43.2	42.3	41.4	40.1	44.4	41.3	43.5	41.3	40.2
25	54.9	29.9	52.3	48.9	53.2	49	50.3	49.8	49.8	48.7	47.9	46.4	50.8	47.5	50	47.7	46.5
50	66.4	52.6	72.3	69.2	73.2	70.6	70.8	70.2	71.1	70	69.7	68.4	71.4	69.1	71.5	70.1	69.3
60	69.5	59.4	78.1	75	78.7	76.8	76.3	75.9	76.9	75.9	75.8	74.9	77	75.3	77.3	76.4	76
63	70.4	61.3	79.8	76.7	80.3	78.6	77.9	77.6	78.6	77.6	77.6	76.7	78.6	77.1	79	78.2	77.9
70	72.5	65.3	83.3	80.4	83.8	82.6	81.4	81.2	82.2	81.2	81.4	80.8	82.1	81	82.6	82	82
75	73.9	67.8	85.5	82.7	86	85	83.5	83.4	84.4	83.5	83.8	83.4	84.2	83.4	84.8	84.4	84.6
90	77.1	73.8	90.1	87.9	90.7	90.4	88.3	88.4	89.4	88.6	89	89.1	89.1	88.7	89.7	89.7	90
125	81.9	82.4	94.2	93.8	95.7	96	93.5	93.9	95.2	94.7	94.8	95.3	94.9	94.9	95.2	95.6	95.8
200	89.1	91.5	97.1	98.6	99.8	99.8	98.1	98.7	99.9	99.8	99.7	99.7	99.8	99.8	99.8	99.9	99.9
250	90.9	93.8	97.4	99	100	100	98.7	99.3	100	100	100	100	100	100	100	100	100
400	93.8	96.4	97.7	99.4	100	100	99.5	99.8	100	100	100	100	100	100	100	100	100
500	95.3	97.5	98	99.7	100	100	99.9	100	100	100	100	100	100	100	100	100	100
1000	100	99.3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

File name:	154.$02	155.$02	156.$02	157.$02	158.$02	159.$02	160#.$02	161.$02	162.$02	163.$02	164.$02	165.$02	166.$02	167.$02	168.$02	169.$02	170.$02
NGU prøvenr.	**80202**	**80204**	**80206**	**80208**	**80210**	**80212**	**80214**	**80216**	**80218**	**80220**	**80222**	**80224**	**80226**	**80228**			**80269**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R1165MC012KA 16-17cm	R1165MC012KA 18-19cm	R1165MC012KA 20-21cm	R1165MC012KA 22-23cm	R1165MC012KA 24-25cm	R1165MC012KA 26-27cm	R1165MC012KA 28-29cm	R1165MC012KA 30-31cm	R1165MC012KA 32-33cm	R1165MC012KA 34-35cm	R1165MC012KA 36-37cm	R1165MC012KA 38-39cm	R1165MC012KA 40-41cm	R1165MC012KA 42-43cm	Standard Hynne	MINN standard	R1174MC013KA 0-1cm
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.240g, ultralyd	0.247g, ultralyd	0.249g, ultralyd	0.251g, ultralyd	0.247g, ultralyd	0.249g, ultralyd	0.253g, ultralyd	0.251g, ultralyd	0.253g, ultralyd	0.249g, ultralyd	0.252g, ultralyd	0.253g, ultralyd	0.248g, ultralyd	0.254g, ultralyd	0.225g, ultralyd	0.503g, ultralyd	0.229g, ultralyd
Optical Model	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Fraunhofer	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	35.84	35.23	39.05	38.96	39.06	38.59	37.82	41.96	43.18	40.18	40.75	42.17	39.16	37.98	90.05	87.68	47.06
Median:	23.09	24.16	26.97	25.22	25.42	26.02	25.68	30.69	30.74	27.12	27.68	29.44	25.1	25.08	21.27	46.43	24.17
D(3,2):	7.702	7.951	8.335	8.102	8.083	8.21	8.259	8.993	9.042	8.593	8.677	8.778	8.055	8.119	7.668	15.5	7.821
Mean/Median Ratio:	1.553	1.458	1.448	1.545	1.537	1.483	1.472	1.367	1.405	1.482	1.472	1.432	1.56	1.514	4.233	1.888	1.946
Mode:	31.5	31.5	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	18	60.52	31.5
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	110	104.6	113.2	118	118	113.5	111.5	118.3	124.3	118.8	119.4	122.1	119.4	114.5	414.6	367.1	177.9
S.D.:	37.82	35.39	37.85	40.34	40.28	38.22	37.62	38.95	41.4	40.09	40.12	40.78	40.96	39.05	165.6	142.5	66.75
Variance:	1431	1253	1433	1627	1623	1461	1415	1517	1714	1607	1609	1663	1678	1525	27413	20320	4455
C.V.:	105.5	100.5	96.94	103.5	103.1	99.04	99.47	92.82	95.86	99.77	98.45	96.71	104.6	102.8	183.9	162.6	141.8
Skewness:	1.681	1.57	1.332	1.569	1.534	1.372	1.45	1.217	1.337	1.446	1.413	1.371	1.586	1.619	2.913	4.618	3.224
Kurtosis:	2.965	2.618	1.586	2.414	2.265	1.629	2.023	1.217	1.693	2.049	1.902	1.786	2.537	2.741	8.552	27.13	14.51
d10:	2.571	2.661	2.778	2.725	2.682	2.731	2.759	2.989	3.011	2.879	2.937	2.937	2.657	2.744	2.6	8.204	2.591
d50:	23.09	24.16	26.97	25.22	25.42	26.02	25.68	30.69	30.74	27.12	27.68	29.44	25.1	25.08	21.27	46.43	24.17
d90:	86.1	82.63	91.78	94.15	94.37	92.35	89.44	96.39	99.71	95.04	96.41	98.27	94.58	89.57	239.4	183.2	129.8
Specific Surf. Area	7790	7547	7199	7406	7423	7308	7265	6672	6636	6982	6915	6835	7449	7390	7825	3872	7672
% <																	
10	2.571	2.661	2.778	2.725	2.682	2.731	2.759	2.989	3.011	2.879	2.937	2.937	2.657	2.744	2.6	8.204	2.591
25	7.411	7.813	8.548	8.182	7.946	8.11	8.14	9.791	9.446	8.325	9.009	9.54	7.642	8.3	6.187	20.66	7.462
50	23.09	24.16	26.97	25.22	25.42	26.02	25.68	30.69	30.74	27.12	27.68	29.44	25.1	25.08	21.27	46.43	24.17
75	52.26	51.85	59.81	57.66	58.22	58.7	56.95	63.92	65.36	60.88	61.58	63.61	58.44	56	88.36	93.55	55.79
90	86.1	82.63	91.78	94.15	94.37	92.35	89.44	96.39	99.71	95.04	96.41	98.27	94.58	89.57	239.4	183.2	129.8
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
µm																	
2	6.97	6.6	6.35	6.55	6.57	6.39	6.26	5.76	5.58	5.78	5.9	5.99	6.51	6.51	6.52	2.22	6.87
5	18.8	18.3	17.2	17.6	18	17.8	17.7	16	16.2	17.3	16.4	16.1	18.5	17.4	20.8	5.86	18.8
10	30.2	29.1	27.5	28.4	28.8	28.4	28.3	25.3	25.8	27.9	26.7	25.7	29.4	28.1	34.9	12.3	29.8
15	38.4	37	34.9	36.2	36.4	35.8	35.9	31.9	32.4	35.1	34.1	32.8	36.9	36.1	42.8	18.4	37.5
20	45.8	44.3	41.6	43.3	43.3	42.7	42.8	38.1	38.4	41.6	40.8	39.3	43.8	43.4	48.7	24.2	44.6
25	52.5	51.1	47.7	49.7	49.5	48.8	49.2	43.9	44.1	47.6	47	45.2	49.9	49.9	53.2	29.9	51
50	73.7	73.8	68.8	70.6	70.2	69.7	70.7	65.4	64.8	68.3	67.9	66.1	70.1	71.4	64.6	52.6	72
60	79.3	79.8	75.1	76.3	76	75.8	76.8	72.3	71.5	74.5	74	72.7	75.9	77.4	67.7	59.5	77
63	80.9	81.5	77	78	77.7	77.5	78.6	74.4	73.5	76.3	75.9	74.6	77.6	79.1	68.6	61.4	78.3
70	84.3	85.1	81	81.6	81.4	81.4	82.5	78.9	77.9	80.3	79.9	78.9	81.3	82.8	70.7	65.4	81
75	86.4	87.3	83.6	83.9	83.7	83.8	84.8	81.7	80.7	82.8	82.4	81.5	83.7	85.1	72.1	67.9	82.5
90	90.9	91.9	89.4	89	88.9	89.3	90.2	88.1	87.2	88.6	88.2	87.7	88.9	90.1	75.3	73.9	85.6
125	95.8	96.7	96	94.8	94.8	95.7	95.9	95.4	94.5	95.1	95	94.7	94.7	95.3	80.4	82.3	89.5
200	99.8	99.9	99.9	99.7	99.7	99.9	99.9	99.9	99.7	99.7	99.7	99.7	99.6	99.7	88.2	91.3	96.5
250	100	100	100	100	100	100	100	100	100	100	100	100	100	100	90.3	93.7	98.1
400	100	100	100	100	100	100	100	100	100	100	100	100	100	100	93.3	96.5	99.4
500	100	100	100	100	100	100	100	100	100	100	100	100	100	100	94.9	97.6	99.8
1000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.4	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

File name:	171#.$02	172.$02	173.$02	174.$02	175.$02	176.$02	177.$02	178.$02	179.$02	180.$02	181.$02	182.$02	183.$02	184.$02	185.$02	186.$02	187.$02
NGU prøvenr.	**80308**	**80371**	**80372**	**80373**	**80374**	**80375**	**80376**	**80377**	**80378**	**80379**	**80380**	**80381**	**80382**	**80383**	**80384**	**80385**	**80387**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R1180MC014KA 0-1cm	R1186MC015KA 0-1cm	R1186MC015KA 1-2cm	R1186MC015KA 2-3cm	R1186MC015KA 3-4cm	R1186MC015KA 4-5cm	R1186MC015KA 5-6cm	R1186MC015KA 6-7cm	R1186MC015KA 7-8cm	R1186MC015KA 8-9cm	R1186MC015KA 9-10cm	R1186MC015KA 10-11cm	R1186MC015KA 11-12cm	R1186MC015KA12-13cm	R1186MC015KA 13-14cm	R1186MC015KA 14-15cm	R1186MC015KA 16-17cm
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.238g, ultralyd	0.234g, ultralyd	0.239g, ultralyd	0.236g, ultralyd	0.239g, ultralyd	0.230g, ultralyd	0.235g, ultralyd	0.237g, ultralyd	0.233g, ultralyd	0.231g, ultralyd	0.233g, ultralyd	0.238g, ultralyd	0.236g, ultralyd	0.238g, ultralyd	0.238g, ultralyd	0.236g, ultralyd	0.235g, ultralyd
Optical Model	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	45.57	35.48	39.03	32.08	34.93	35.99	35.37	35.42	32.92	36.37	32.78	34.53	33.81	35	32.64	29.74	33.49
Median:	21.73	23.44	22.57	20	23.75	24.91	24.94	25.42	24.14	26.16	23.6	24.47	23.51	25.15	23.5	23.76	23.72
D(3,2):	7.489	7.801	7.621	7.318	7.963	8.323	8.463	8.492	8.251	8.721	8.092	8.395	8.112	8.528	8.174	8.072	8.249
Mean/Median Ratio:	2.097	1.514	1.729	1.604	1.471	1.445	1.418	1.393	1.364	1.39	1.389	1.411	1.438	1.392	1.389	1.252	1.412
Mode:	28.69	31.5	31.5	31.5	31.5	31.5	31.5	34.58	31.5	34.58	31.5	31.5	31.5	31.5	31.5	34.58	31.5
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	214.6	111.1	164.2	103.8	107.6	108.7	107.1	105.4	96.96	108.9	98.69	103.8	104.3	104	98.53	79.37	101.9
S.D.:	86.24	38.61	63.86	36.61	37.09	37.12	36.6	35.73	32.68	37.02	33.63	35.37	35.98	35.21	33.62	25.32	34.88
Variance:	7437	1491	4078	1340	1375	1378	1340	1276	1068	1371	1131	1251	1294	1240	1130	641.3	1217
C.V.:	189.2	108.8	163.6	114.1	106.2	103.2	103.5	100.9	99.26	101.8	102.6	102.4	106.4	100.6	103	85.15	104.2
Skewness:	5.174	1.951	6.317	2.054	1.911	1.791	1.955	1.83	1.857	1.92	2.035	1.891	2.061	1.856	2.071	1.094	2.029
Kurtosis:	33.65	4.159	58.51	4.704	4.018	3.406	4.341	3.771	4.163	4.256	5.062	4.043	4.85	3.939	5.217	0.831	4.765
d10:	2.552	2.641	2.577	2.518	2.735	2.887	3.008	2.965	2.873	3.074	2.857	2.939	2.823	3.033	2.884	2.871	2.901
d50:	21.73	23.44	22.57	20	23.75	24.91	24.94	25.42	24.14	26.16	23.6	24.47	23.51	25.15	23.5	23.76	23.72
d90:	94.19	81.74	82.15	75.33	79.59	82.5	78.19	78.52	72.2	79.68	71.34	76.96	74.55	77.52	70.72	66.78	73.38
Specific Surf. Area	8011	7691	7873	8199	7535	7209	7089	7065	7272	6880	7414	7147	7396	7035	7341	7433	7273
% <																	
10	2.552	2.641	2.577	2.518	2.735	2.887	3.008	2.965	2.873	3.074	2.857	2.939	2.823	3.033	2.884	2.871	2.901
25	7.148	7.918	7.403	6.093	8.241	8.908	9.467	9.4	8.875	9.865	8.803	9.081	8.636	9.599	8.891	8.945	8.964
50	21.73	23.44	22.57	20	23.75	24.91	24.94	25.42	24.14	26.16	23.6	24.47	23.51	25.15	23.5	23.76	23.72
75	46.28	48.04	46.62	43.59	47.44	49.24	47.33	48.41	45.44	49.12	44.38	46.68	44.78	47.54	43.76	43.45	44.56
90	94.19	81.74	82.15	75.33	79.59	82.5	78.19	78.52	72.2	79.68	71.34	76.96	74.55	77.52	70.72	66.78	73.38
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
µm																	
2	7.06	6.85	6.96	6.76	6.57	6.16	5.99	6	6.18	5.79	6.32	6.02	6.34	5.92	6.23	6.3	6.18
5	19.2	18	18.9	21.3	17.4	16.5	15.7	16	16.5	15.4	16.6	16.2	16.8	15.6	16.4	16.4	16.3
10	31	29	30.2	34.3	28.3	27	26	26	27.1	25.2	27.3	26.7	27.6	25.7	27.1	27	26.9
15	39.5	37.3	38.5	42.6	36.7	35.1	34.3	34.1	35.5	33.2	36	35.1	36.2	34	35.9	35.6	35.7
20	47.4	45.1	46.3	50	44.5	42.9	42.4	42	43.6	40.9	44.3	43.2	44.5	42.1	44.4	44	44.1
25	54.6	52.1	53.4	56.7	51.8	50.1	50.1	49.4	51.3	48.3	52.2	50.8	52.3	49.8	52.4	51.9	52
50	77.1	76.2	77.1	79	76.7	75.5	76.9	76.1	78.4	75.6	79.2	77.3	78.7	76.7	79.6	80.3	78.9
60	81.9	81.9	82.6	84.2	82.6	81.5	82.9	82.4	84.6	82.1	85.1	83.2	84.4	82.9	85.4	86.7	84.7
63	83.2	83.5	84	85.6	84.1	83.1	84.5	84.1	86.2	83.7	86.7	84.8	85.8	84.5	86.9	88.3	86.2
70	85.6	86.5	86.8	88.4	87.1	86.2	87.5	87.2	89.3	86.9	89.6	87.7	88.6	87.5	89.8	91.4	89
75	87	88.2	88.3	89.9	88.8	88	89.1	89	90.9	88.7	91.2	89.4	90.1	89.2	91.3	93.2	90.5
90	89.6	91.6	91.2	92.8	92	91.4	92.3	92.3	94	92.1	94	92.6	92.9	92.6	94.1	97	93.3
125	92.1	95	94.2	95.8	95.4	95.4	95.5	95.9	96.9	95.4	96.6	96	95.7	96.1	96.5	99.8	96
200	96.5	99.7	98.6	99.8	99.8	99.9	99.8	99.9	100	99.7	99.9	99.9	99.8	99.9	99.9	100	99.9
250	97.3	100	99	100	100	100	100	100	100	100	100	100	100	100	100	100	100
400	98.5	100	99.3	100	100	100	100	100	100	100	100	100	100	100	100	100	100
500	99	100	99.5	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

File name:	188.$02	189.$02	190.$02	191.$02	192#.$02	193.$02	194.$02	195.$02	196.$02	197.$02	198.$02	199.$02	200.$02	201.$02	202.$02	203.$02	204.$02
NGU prøvenr.	**80389**	**80391**	**80393**	**80395**	**80397**	**80399**	**81100**			**81064**	**81063**	**81062**	**81061**	**81060**	**81059**	**81058**	**81057**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R1186MC015KA 18-19cm	R1186MC015KA 20-21cm	R1186MC015KA 22-23cm	R1186MC015KA 24-25cm	R1186MC015KA 26-27cm	R1186MC015KA 28-29cm	R1186MC015KA 30-31cm	Standard Hynne	MINN standard	R1200MC016KA 0-1cm	R1200MC016KA 1-2cm	R1200MC016KA 2-3cm	R1200MC016KA3-4cm	R1200MC016KA 4-5cm	R1200MC016KA 5-6cm	R1200MC016KA 6-7cm	R1200MC016KA 7-8cm
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.240g, ultralyd	0.241g, ultralyd	0.241g, ultralyd	0.232g, ultralyd	0.237g, ultralyd	0.241g, ultralyd	0.237g, ultralyd	0.221g, ultralyd	0.501g, ultralyd	0.237g, ultralyd	0.237g, ultralyd	0.243g, ultralyd	0.241g, ultralyd	0.242g, ultralyd	0.241g, ultralyd	0.244g, ultralyd	0.238g, ultralyd
Optical Model	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Fraunhofer	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	33.42	32.79	33.84	33.37	40.63	46.18	33.08	89.42	107.4	36.52	44.88	47.61	45	36.74	37.17	36.21	36.06
Median:	24.2	23.64	24.07	23.8	26.03	27.67	22.21	20.24	50.2	23.3	26.75	27.59	25.54	22.72	23.6	23.01	23.03
D(3,2):	8.429	8.275	8.369	8.311	8.794	9.03	7.928	7.494	16.12	7.449	7.996	8.191	7.859	7.386	7.534	7.461	7.464
Mean/Median Ratio:	1.381	1.387	1.406	1.402	1.561	1.669	1.49	4.417	2.139	1.568	1.677	1.726	1.762	1.617	1.575	1.574	1.566
Mode:	31.5	31.5	31.5	31.5	31.5	31.5	31.5	18	66.44	60.52	60.52	60.52	60.52	31.5	60.52	31.5	60.52
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	99.5	98.71	102.2	100.8	140.4	160.2	105.4	419.6	469.9	114.4	154.2	160.8	164.2	116.9	116.6	113.2	112.6
S.D.:	33.72	33.63	34.86	34.41	50.89	58.16	36.89	168.5	184.9	39.74	55.78	57.76	60.83	40.89	40.53	39.26	39.07
Variance:	1137	1131	1215	1184	2589	3382	1361	28380	34202	1579	3111	3336	3701	1672	1643	1541	1526
C.V.:	100.9	102.6	103	103.1	125.2	125.9	111.5	188.4	172.2	108.8	124.3	121.3	135.2	111.3	109	108.4	108.3
Skewness:	1.952	2.044	1.962	2.001	3.953	3.097	2.254	2.911	3.994	1.842	3.11	2.576	3.896	1.835	1.787	1.747	1.766
Kurtosis:	4.554	4.988	4.385	4.654	26.5	14.43	5.826	8.383	18.29	3.817	15.98	10.25	24.76	3.463	3.295	3.085	3.198
d10:	3.004	2.95	2.943	2.93	3.139	3.13	2.778	2.551	8.491	2.485	2.658	2.739	2.616	2.477	2.525	2.496	2.497
d50:	24.2	23.64	24.07	23.8	26.03	27.67	22.21	20.24	50.2	23.3	26.75	27.59	25.54	22.72	23.6	23.01	23.03
d90:	73.21	71.18	74.85	73.35	92.47	117.1	73.11	246.2	226.6	85.75	110.5	123.2	112.2	89.22	89.06	87.57	86.32
Specific Surf. Area	7119	7250	7169	7219	6822	6644	7569	8006	3721	8055	7504	7325	7634	8124	7964	8042	8038
% <																	
10	3.004	2.95	2.943	2.93	3.139	3.13	2.778	2.551	8.491	2.485	2.658	2.739	2.616	2.477	2.525	2.496	2.497
25	9.336	9.137	9.191	9.094	10.03	10.15	8.324	6.014	21.71	7.114	8.062	8.349	7.792	7.072	7.34	7.163	7.191
50	24.2	23.64	24.07	23.8	26.03	27.67	22.21	20.24	50.2	23.3	26.75	27.59	25.54	22.72	23.6	23.01	23.03
75	45.13	43.63	44.99	44.4	51.58	57.59	42.45	81.7	106.9	52.55	60.84	64.38	58.86	51.42	52.57	51.29	51.05
90	73.21	71.18	74.85	73.35	92.47	117.1	73.11	246.2	226.6	85.75	110.5	123.2	112.2	89.22	89.06	87.57	86.32
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
µm																	
2	5.97	6.11	6.06	6.09	5.74	5.62	6.47	6.71	2.15	7.39	6.84	6.6	6.95	7.43	7.27	7.34	7.34
5	15.8	16	16.1	16.2	15	15.1	17.1	21.3	5.66	19.4	17.9	17.4	18.2	19.4	18.9	19.3	19.2
10	26.2	26.6	26.5	26.7	25	24.8	28.4	35.6	11.8	30.9	28.5	27.9	29.2	31.1	30.3	30.8	30.7
15	34.9	35.5	35.1	35.4	33.2	32.4	37.6	43.7	17.6	38.8	35.8	35.3	36.8	39.2	38.3	38.9	38.8
20	43.3	44	43.5	43.9	41.1	39.7	46.3	49.7	23.2	45.9	42.4	41.7	43.5	46.5	45.4	46.1	46
25	51.3	52.2	51.5	51.9	48.5	46.5	54.4	54.3	28.5	52	48.1	47.3	49.4	52.8	51.7	52.4	52.4
50	78.6	79.7	78.6	79	74	70.5	80.1	65.8	49.9	73.4	68.5	66.9	69.9	74.1	73.4	74.2	74.3
60	84.5	85.4	84.3	84.8	79.8	76.2	85.3	68.9	56.3	79.4	74.5	72.7	75.6	79.8	79.3	80	80.2
63	86	86.9	85.7	86.2	81.4	77.8	86.6	69.9	58.1	81.1	76.2	74.3	77.2	81.4	81	81.6	81.8
70	89	89.7	88.5	89	84.4	80.8	89.1	72	62	84.6	79.8	77.7	80.5	84.6	84.3	84.8	85.1
75	90.6	91.1	90	90.5	86.1	82.5	90.5	73.4	64.4	86.7	81.9	79.8	82.4	86.4	86.2	86.7	86.9
90	93.6	93.8	92.9	93.3	89.6	86.2	93	76.6	70.3	90.9	86.4	84.4	86.5	90.1	90.2	90.5	90.7
125	96.5	96.4	96	96.2	93.6	91	95.4	81.5	78.9	95.1	91.9	90.2	91.6	94.3	94.5	94.9	94.9
200	99.9	99.9	99.9	99.9	98.9	97.6	99.6	88.4	88.4	99.5	98.1	97.5	97.9	99.6	99.6	99.8	99.8
250	100	100	100	100	99.4	98.7	100	90.1	91	100	99	98.8	98.9	100	100	100	100
400	100	100	100	100	99.6	99.6	100	93	94.6	100	99.7	99.8	99.5	100	100	100	100
500	100	100	100	100	99.9	99.9	100	94.7	96	100	99.9	100	99.7	100	100	100	100
1000	100	100	100	100	100	100	100	99.9	98.6	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 1

NORSK AKKREDITERING TEST 020

File name:	205.$02	206#.$02	207.$02	208.$02	209.$02	210.$02	211.$02	212.$02	213.$02	214.$02	215#.$02	216.$02	217.$02	218.$02	219.$02	220.$02
NGU prøvenr.	**81056**	**81055**	**81054**	**81053**	**81052**	**81051**	**81050**	**81048**	**81046**	**81044**	**81042**	**81040**	**81038**	**81036**		
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R1200MC016KA 8-9cm	R1200MC016KA 9-10cm	R1200MC016KA 10-11cm	R1200MC016KA 11-12cm	R1200MC016KA12-13cm	R1200MC016KA 13-14cm	R1200MC016KA 14-15cm	R1200MC016KA 16-17cm	R1200MC016KA 18-19cm	R1200MC016KA 20-21cm	R1200MC016KA 22-23cm	R1200MC016KA 24-25cm	R1200MC016KA 26-27cm	R1200MC016KA 28-29cm	Standard Hynne	2014.0017 - stand.MINN
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.242g, ultralyd	0.243g, ultralyd	0.241g, ultralyd	0.242g, ultralyd	0.246g, ultralyd	0.245g, ultralyd	0.247g, ultralyd	0.244g, ultralyd	0.257g, ultralyd	0.289g, ultralyd	0.293g, ultralyd	0.305g, ultralyd	0.305g, ultralyd	0.307g, ultralyd	0.221g, ultralyd	0.508g, ultralyd
Optical Model	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Fraunhofer
STATISTISKE PARAMETERE																
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	40.23	40.33	45.75	48.26	40.53	44.71	47.1	45.52	54.51	48.58	49.12	48.57	44.84	54.27	88.6	98.54
Median:	27.01	26.97	32.66	32.16	31.53	33.33	35.17	34.98	39.64	39.63	39.55	38.52	34.32	32.29	19.41	52.13
D(3,2):	8.152	8.09	9.041	8.958	8.908	9.285	9.441	9.584	10.32	10.26	10.09	9.766	8.812	8.517	7.355	16.28
Mean/Median Ratio:	1.489	1.495	1.401	1.501	1.285	1.342	1.339	1.301	1.375	1.226	1.242	1.261	1.306	1.68	4.564	1.89
Mode:	60.52	60.52	60.52	60.52	60.52	60.52	60.52	60.52	60.52	60.52	60.52	60.52	60.52	60.52	7.776	66.44
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	122.5	122.3	134.1	164.4	111.5	128.4	135.1	127.5	189.2	132.1	134.7	134.3	127.9	233.4	428.2	360.6
S.D.:	41.95	41.81	45.09	59.23	36.2	42.71	44.89	41.81	68.73	42.59	43.64	43.72	42.37	91.41	173.2	133.7
Variance:	1760	1748	2033	3509	1311	1825	2015	1748	4724	1814	1905	1912	1795	8355	30014	17873
C.V.:	104.3	103.7	98.55	122.7	89.32	95.53	95.31	91.86	126.1	87.67	88.84	90.03	94.5	168.4	195.5	135.7
Skewness:	1.671	1.623	1.483	3.761	1.154	1.49	1.449	1.349	5.581	1.283	1.258	1.211	1.395	5.617	3.016	2.874
Kurtosis:	2.871	2.645	2.091	22.82	1.04	2.362	2.11	1.757	51.35	1.654	1.498	1.252	2.062	39.99	8.892	9.898
d10:	2.724	2.729	3.076	3.058	3.022	3.159	3.239	3.344	3.695	3.645	3.488	3.276	2.89	2.764	2.508	8.519
d50:	27.01	26.97	32.66	32.16	31.53	33.33	35.17	34.98	39.64	39.63	39.55	38.52	34.32	32.29	19.41	52.13
d90:	95.19	96.49	109.8	110.1	91.06	101.6	109.6	103.1	118.3	106.8	110	110.5	100.8	112.4	225.9	238.3
Specific Surf. Area	7360	7417	6637	6698	6736	6462	6355	6260	5814	5847	5944	6144	6809	7045	8158	3686
% <																
10	2.724	2.729	3.076	3.058	3.022	3.159	3.239	3.344	3.695	3.645	3.488	3.276	2.89	2.764	2.508	8.519
25	8.493	8.47	10.62	10.44	10.42	11.24	11.93	12.37	14.65	14.8	14.05	12.64	10.27	9.331	5.861	22.13
50	27.01	26.97	32.66	32.16	31.53	33.33	35.17	34.98	39.64	39.63	39.55	38.52	34.32	32.29	19.41	52.13
75	57.44	57.96	65.04	64.39	60.61	63.94	66.82	65.28	70.87	68.66	69.98	70.34	65.44	65.12	78.11	114.2
90	95.19	96.49	109.8	110.1	91.06	101.6	109.6	103.1	118.3	106.8	110	110.5	100.8	112.4	225.9	238.3
INTERPOLASJON																
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
µm																
2	6.65	6.68	5.9	5.96	6.01	5.7	5.65	5.49	5.07	5.13	5.27	5.48	6.24	6.53	6.87	2.15
5	17.3	17.3	15.2	15.3	15.4	14.8	14.3	13.9	12.7	12.8	13.3	14.2	16.1	16.9	21.8	5.69
10	27.6	27.7	24.1	24.4	24.4	23.3	22.5	22	19.9	19.9	20.6	22	24.7	25.9	36.4	11.8
15	35	35.1	30.6	31	31	29.7	28.6	28.1	25.4	25.2	26	27.5	30.5	32	44.6	17.4
20	41.7	41.8	36.6	37	37.1	35.6	34.3	34	30.6	30.4	31.1	32.7	36	37.6	50.6	22.8
25	47.7	47.8	42.2	42.6	42.9	41.2	39.8	39.6	35.8	35.5	36.2	37.6	41.2	42.9	55.2	28
50	70.1	69.7	64.5	65	66.8	64.6	62.7	63.3	59.1	59.5	59.1	59.5	63.1	64.3	66.7	48.6
60	76.6	76.2	71.7	72.1	74.6	72.2	70.3	71.2	67.3	68.3	67.5	67.6	71	71.6	69.7	54.8
63	78.4	78.1	73.7	74.1	76.7	74.4	72.5	73.5	69.7	70.8	70	69.9	73.3	73.7	70.6	56.6
70	82.1	81.8	77.9	78.3	81.2	78.8	77	78.1	74.5	75.9	75	74.8	78.1	77.9	72.8	60.3
75	84.3	84	80.5	80.8	83.9	81.5	79.7	80.8	77.4	79	78.1	77.8	80.9	80.5	74.2	62.7
90	89	88.7	85.9	86.1	89.7	87.2	85.6	86.8	83.8	85.7	84.9	84.6	87.2	85.9	77.5	68.5
125	93.9	94	92.3	92.1	96.4	93.6	92.4	93.6	91.1	93.1	92.6	92.6	93.9	91.6	82.5	77.3
200	99.5	99.5	99.2	98.3	100	99.4	99.2	99.6	98.1	99.5	99.4	99.5	99.5	97.3	89.1	87.4
250	100	100	100	98.9	100	100	99.9	100	99	100	100	100	100	97.9	90.5	90.6
400	100	100	100	99.4	100	100	100	100	99.3	100	100	100	100	98.5	93.1	95.1
500	100	100	100	99.8	100	100	100	100	99.5	100	100	100	100	98.8	94.5	97
1000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.9	99.9
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU
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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.:2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

INSTRUMENT: **Coulter LS 200**

METODE: **Metodeoppsettet er beskrevet i NGU-SD 5.11: Kornfordelingsanalyser: Coulter laser partikkelteller.**

Kornfordelingsbestemmelse basert på laserdiffraksjon. Laserlys brytes i ulike vinkler avhengig av størrelsen på partiklene, og registreres så av en rekke detektorer. De registrerte vinklene tilsvarer gitte partikkelstørrelser, og antall partikler er relatert til den intensiteten som den korresponderende detektoren registrerer. Kornfordelingen bestemmes således på volum-basis, med antagelse om ens tetthet på materialet vil kumulativ volum% være identisk med kumulativ masse%. Beregning på volum/masse-basis er basert på antagelse om sfæriske partikler.

MÅLEOMRÅDE : **0.4 µm - 2000 mm**

NB ! Metoden normaliserer alle data i måleområdet til sum 100 % (kumulativ %).
Måleområdet går kun ned til 0.4 µm og dette settes som nullpunkt mhp. kumulativ %.
Prøvene kan derfor inneholde materiale finere enn 0.4 µm.

ANALYSEUSIKKERHET: **± 10 % [kumulativ masse(volum) %]** *Usikkerheten er oppgitt med dekningsfaktor 2, tilsvarende et konfidensintervall på 95 %*

Bestemmelse av usikkerhet er basert på sammenligning av oppnådde resultater med sertifikatverdier for kvartsstandard BCR-131, samt presisjonsdata.
MERK! Metoden tar utgangspunkt i antagelse om sfæriske partikler. For prøver som avviker fra dette kan usikkerheten være større.

PRESISJON: **Det analyseres rutinemessig kontrollprøver som føres i kontrolldiagram (X-diagram). Disse kan forevises om ønskelig.**

FORBEHANDLING: **Ingen**

ANTALL PRØVER: **204** av 424 (DEL 2)

ANMERKNINGER: Data for fraksjoner >2000 µm er fremkommet ved gravimetriske bestemmelser.
Av praktiske grunner er delt analyserapporten i 2 deler, DEL 1 og DEL 2.

Gjengivelse av analysedata skal skje på en slik måte at meningsinnholdet i rapporten ikke endres.

Ferdig analysert	24-mar-14	Wieslawa Koziel
	Dato	OPERATØR

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GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235
NGU prøvenr.	81008	81007	81006	81005	81004	81003	81002	81001	81000	80999	80998	80997	80996	80995	80994
Prøve nr. → Diameter(µm) ↓	R1205MC017KA 0-1cm	R1205MC017KA 1-2cm	R1205MC017KA 2-3cm	R1205MC017KA 3-4cm	R1205MC017KA 4-5cm	R1205MC017KA 5-6cm	R1205MC017KA 6-7cm	R1205MC017KA 7-8cm	R1205MC017KA 8-9cm	R1205MC017KA 9-10cm	R1205MC017KA 10-11cm	R1205MC017KA 11-12cm	R1205MC017KA12-13cm	R1205MC017KA 13-14cm	R1205MC017KA 14-15cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.452	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.496	0.00021	0.00012	0	0	0.000088	0.00024	0	0.000054	0.00012	0.00025	0.000082	0.000042	0.00014	0.00022	0.00018
0.545	0.003	0.002	0.000016	0.00023	0.0016	0.0032	0.00024	0.0011	0.0019	0.0032	0.0014	0.00097	0.002	0.0029	0.0025
0.598	0.018	0.014	0.00092	0.0036	0.011	0.019	0.0035	0.0086	0.013	0.018	0.0098	0.0076	0.013	0.017	0.015
0.657	0.061	0.051	0.0089	0.022	0.044	0.06	0.021	0.035	0.044	0.058	0.036	0.031	0.044	0.053	0.051
0.721	0.15	0.13	0.043	0.076	0.11	0.14	0.071	0.094	0.11	0.13	0.095	0.086	0.11	0.12	0.12
0.791	0.29	0.27	0.13	0.19	0.24	0.27	0.17	0.2	0.22	0.25	0.2	0.18	0.22	0.23	0.24
0.869	0.5	0.48	0.28	0.36	0.43	0.46	0.33	0.37	0.4	0.42	0.35	0.34	0.38	0.39	0.41
0.953	0.8	0.78	0.52	0.63	0.71	0.72	0.57	0.6	0.64	0.65	0.57	0.56	0.6	0.61	0.65
1.047	1.2	1.19	0.87	1	1.08	1.07	0.89	0.93	0.96	0.96	0.87	0.86	0.91	0.89	0.97
1.149	1.71	1.72	1.34	1.48	1.56	1.51	1.32	1.34	1.38	1.35	1.25	1.25	1.3	1.26	1.38
1.261	2.32	2.36	1.93	2.08	2.15	2.04	1.85	1.86	1.89	1.82	1.72	1.73	1.77	1.7	1.88
1.385	3.04	3.12	2.66	2.81	2.84	2.66	2.49	2.47	2.5	2.37	2.28	2.31	2.33	2.21	2.47
1.52	3.86	3.98	3.49	3.64	3.63	3.36	3.22	3.16	3.18	2.98	2.92	2.96	2.97	2.79	3.13
1.669	4.75	4.92	4.43	4.56	4.5	4.13	4.02	3.93	3.93	3.65	3.62	3.68	3.67	3.42	3.85
1.832	5.7	5.92	5.45	5.55	5.43	4.94	4.89	4.75	4.74	4.37	4.37	4.46	4.41	4.09	4.62
2.01	6.69	6.97	6.53	6.59	6.4	5.79	5.81	5.61	5.58	5.12	5.16	5.27	5.19	4.8	5.43
2.207	7.69	8.04	7.64	7.65	7.39	6.66	6.75	6.49	6.45	5.88	5.96	6.1	5.99	5.52	6.26
2.423	8.71	9.12	8.77	8.74	8.4	7.54	7.71	7.38	7.33	6.65	6.79	6.95	6.8	6.26	7.09
2.66	9.74	10.2	9.93	9.84	9.41	8.43	8.68	8.29	8.22	7.43	7.61	7.8	7.62	7	7.93
2.92	10.8	11.3	11.1	11	10.4	9.33	9.68	9.21	9.12	8.22	8.45	8.67	8.45	7.75	8.78
3.206	11.8	12.4	12.3	12.1	11.5	10.3	10.7	10.1	10	9.03	9.31	9.54	9.28	8.51	9.64
3.519	12.9	13.6	13.5	13.3	12.5	11.2	11.7	11.1	11	9.85	10.2	10.4	10.1	9.28	10.5
3.862	14	14.7	14.8	14.4	13.6	12.1	12.8	12.1	11.9	10.7	11.1	11.3	11	10.1	11.4
4.241	15.1	16	16.1	15.7	14.7	13.1	13.9	13.1	12.9	11.5	11.9	12.3	11.9	10.9	12.3
4.656	16.3	17.2	17.4	16.9	15.9	14.1	15	14.1	13.9	12.4	12.9	13.2	12.8	11.7	13.2
5.111	17.5	18.5	18.7	18.2	17.1	15.2	16.2	15.2	14.9	13.3	13.8	14.1	13.7	12.5	14.1
5.611	18.7	19.8	20	19.5	18.3	16.2	17.4	16.3	16	14.3	14.7	15.1	14.6	13.4	15.1
6.158	19.9	21.1	21.4	20.8	19.5	17.3	18.6	17.4	17	15.2	15.7	16.1	15.5	14.2	16
6.761	21.2	22.5	22.8	22.1	20.8	18.4	19.8	18.5	18.1	16.2	16.7	17.1	16.5	15.1	17
7.421	22.5	23.9	24.2	23.5	22	19.6	21	19.6	19.2	17.2	17.7	18.1	17.4	16	18
8.147	23.8	25.2	25.5	24.8	23.3	20.7	22.3	20.8	20.3	18.2	18.7	19.1	18.4	16.9	18.9
8.944	25.1	26.6	26.9	26.2	24.6	21.9	23.5	22	21.5	19.3	19.7	20.1	19.4	17.8	19.9
9.819	26.5	28.1	28.3	27.6	26	23.1	24.8	23.2	22.6	20.3	20.7	21.2	20.4	18.8	20.9
10.78	27.8	29.5	29.7	29	27.3	24.3	26.1	24.4	23.8	21.4	21.7	22.2	21.4	19.7	22
11.83	29.2	31	31.1	30.4	28.7	25.6	27.4	25.6	25	22.6	22.8	23.3	22.4	20.7	23
12.99	30.7	32.5	32.5	31.9	30.1	26.9	28.7	26.9	26.3	23.7	23.9	24.4	23.5	21.8	24.1
14.26	32.2	34.1	34.1	33.4	31.7	28.3	30.1	28.3	27.6	25	25.1	25.6	24.6	22.9	25.3
15.65	33.9	35.8	35.7	35.1	33.3	29.8	31.6	29.7	29.1	26.4	26.4	26.9	25.9	24	26.5
17.18	35.7	37.7	37.5	36.9	35.1	31.3	33.2	31.3	30.7	27.9	27.8	28.3	27.2	25.3	27.9
18.86	37.6	39.6	39.4	38.8	36.9	33	35	33	32.3	29.4	29.3	29.8	28.7	26.7	29.4
20.7	39.5	41.7	41.3	40.8	38.9	34.8	36.8	34.8	34.1	31.1	30.8	31.4	30.2	28.2	31
22.73	41.6	43.9	43.4	42.9	40.9	36.7	38.7	36.6	36	32.9	32.5	33.1	31.9	29.8	32.7
24.95	43.8	46.1	45.6	45.1	43.1	38.8	40.8	38.6	38	34.8	34.3	35	33.7	31.6	34.6
27.38	46.1	48.5	47.8	47.4	45.3	40.9	42.9	40.8	40.2	36.9	36.3	37	35.7	33.5	36.7
30.07	48.5	50.9	50.2	49.8	47.7	43.2	45.2	43	42.4	39.1	38.4	39.1	37.8	35.5	38.9
33	51	53.4	52.5	52.2	50.2	45.5	47.5	45.3	44.8	41.4	40.6	41.3	40	37.8	41.2
36.24	53.5	55.9	54.9	54.7	52.6	48	49.9	47.7	47.2	43.7	42.8	43.7	42.3	40.1	43.7
39.77	56	58.4	57.3	57.2	55.1	50.4	52.4	50.2	49.7	46.2	45.2	46.1	44.8	42.6	46.3
43.66	58.6	60.9	59.8	59.7	57.7	53.1	54.9	52.8	52.3	48.8	47.8	48.8	47.6	45.4	49.2
47.93	61.5	63.7	62.5	62.4	60.4	56	57.8	55.7	55.3	51.8	50.7	51.8	50.7	48.6	52.6
52.63	64.6	66.8	65.5	65.6	63.5	59.4	61.1	59.1	58.7	55.3	54.2	55.3	54.5	52.4	56.5
57.77	68.3	70.4	69.1	69.2	67.2	63.4	64.9	63.1	62.7	59.4	58.4	59.5	58.9	56.8	61.2
63.41	72.5	74.3	73.1	73.2	71.3	68	69.3	67.7	67.3	64.2	63.3	64.4	64	62	66.6
69.62	76.9	78.6	77.4	77.6	75.7	72.9	74	72.7	72.2	69.4	68.8	69.7	69.6	67.7	72.4
76.43	81.3	82.7	81.7	81.9	80.1	77.9	78.8	77.9	77.3	74.8	74.4	75.1	75.3	73.4	78.3
83.9	85.3	86.5	85.6	85.9	84.2	82.5	83.2	82.7	82	80	79.7	80.2	80.7	78.9	83.8
92.09	88.6	89.6	89	89.2	87.7	86.4	87	86.9	86.1	84.5	84.4	84.6	85.3	83.7	88.6
101.1	91.2	92	91.6	91.9	90.5	89.6	90	90.3	89.4	88.3	88.2	88.2	89.1	87.6	92.5
111	93.1	93.8	93.7	93.9	92.7	92	92.4	92.9	92	91.3	91.2	91	92.1	90.6	95.4
121.8	94.6	95.3	95.3	95.5	94.5	93.9	94.2	94.9	94	93.5	93.5	93.1	94.3	93	97.4

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GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**221**	**222**	**223**	**224**	**225**	**226**	**227**	**228**	**229**	**230**	**231**	**232**	**233**	**234**	**235**
NGU prøvenr.	**81008**	**81007**	**81006**	**81005**	**81004**	**81003**	**81002**	**81001**	**81000**	**80999**	**80998**	**80997**	**80996**	**80995**	**80994**
Prøve nr. → Diameter(µm) ↓	R1205MC017KA 0-1cm	R1205MC017KA 1-2cm	R1205MC017KA 2-3cm	R1205MC017KA 3-4cm	R1205MC017KA 4-5cm	R1205MC017KA 5-6cm	R1205MC017KA 6-7cm	R1205MC017KA 7-8cm	R1205MC017KA 8-9cm	R1205MC017KA 9-10cm	R1205MC017KA 10-11cm	R1205MC017KA 11-12cm	R1205MC017KA12-13cm	R1205MC017KA 13-14cm	R1205MC017KA 14-15cm
133.7	95.9	96.4	96.6	96.8	95.9	95.4	95.7	96.4	95.6	95.2	95.3	94.8	96.1	94.8	98.7
146.8	97	97.5	97.8	97.9	97.2	96.6	97	97.6	96.9	96.6	96.7	96.2	97.5	96.3	99.5
161.2	97.9	98.4	98.7	98.8	98.3	97.7	98	98.6	97.9	97.6	97.9	97.4	98.5	97.6	99.9
176.8	98.8	99.1	99.4	99.5	99.1	98.6	98.9	99.3	98.7	98.4	98.8	98.4	99.3	98.5	100
194.2	99.4	99.6	99.8	99.8	99.6	99.3	99.5	99.7	99.3	99.1	99.5	99.1	99.7	99.3	100
213.2	99.8	99.9	99.9	100	99.9	99.7	99.8	99.9	99.7	99.5	99.8	99.6	99.9	99.7	100
234.1	99.9	100	100	100	100	99.9	100	100	99.9	99.8	100	99.9	100	99.9	100
256.8	100	100	100	100	100	100	100	100	100	99.9	100	100	100	100	100
282.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
309.6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
339.8	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
373.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
409.6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
449.7	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
493.6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
541.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
594.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
653	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
716.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
786.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
863.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
948.2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1041	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1143	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1255	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse
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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250
NGU prøvenr.	80992	80990	80988	80986	80984	80982			80927	80926	80925	80924	80923	80922	80921
Prøve nr. → Diameter(µm) ↓	R1205MC017KA 16-17cm	R1205MC017KA 18-19cm	R1205MC017KA 20-21cm	R1205MC017KA 22-23cm	R1205MC017KA 24-25cm	R1205MC017KA 26-27cm	Standard Hynne	MINN standard	R1213MC018KA 0-1cm	R1213MC018KA 1-2cm	R1213MC018KA 2-3cm	R1213MC018KA 3-4cm	R1213MC018KA 4-5cm	R1213MC018KA 5-6cm	R1213MC018KA 6-7cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0	0	0	0	0	0.016	0	0	0	0	0	0	0
0.452	0	0	0	0	0	0	0	0.044	0	0	0	0	0	0	0
0.496	0.00022	0.000094	0.00017	0.00019	0.00011	0	0	0.086	0	0	0	0	0	0	0
0.545	0.0029	0.0015	0.0024	0.0027	0.0018	0.00025	0	0.15	0.00028	0.00017	0.00032	0.00031	0.00016	0.00024	0.00023
0.598	0.017	0.01	0.014	0.016	0.012	0.0035	0.00019	0.22	0.0041	0.0029	0.0046	0.0044	0.0027	0.0036	0.0035
0.657	0.054	0.037	0.048	0.052	0.041	0.021	0.0031	0.31	0.025	0.019	0.028	0.027	0.018	0.023	0.022
0.721	0.13	0.095	0.12	0.12	0.1	0.067	0.021	0.41	0.083	0.071	0.093	0.088	0.067	0.078	0.076
0.791	0.24	0.19	0.22	0.24	0.21	0.16	0.079	0.53	0.2	0.18	0.22	0.21	0.17	0.19	0.19
0.869	0.41	0.34	0.39	0.41	0.37	0.3	0.2	0.65	0.39	0.37	0.44	0.4	0.35	0.38	0.37
0.953	0.64	0.55	0.61	0.65	0.59	0.51	0.42	0.79	0.66	0.65	0.75	0.69	0.62	0.65	0.64
1.047	0.95	0.84	0.92	0.96	0.89	0.8	0.74	0.93	1.04	1.05	1.18	1.08	1	1.04	1.02
1.149	1.34	1.21	1.3	1.36	1.28	1.18	1.19	1.09	1.54	1.58	1.74	1.59	1.5	1.54	1.51
1.261	1.81	1.66	1.77	1.85	1.76	1.65	1.78	1.25	2.16	2.25	2.44	2.23	2.12	2.17	2.13
1.385	2.36	2.19	2.31	2.41	2.31	2.21	2.51	1.42	2.9	3.05	3.28	2.98	2.88	2.93	2.87
1.52	2.97	2.79	2.93	3.05	2.95	2.84	3.38	1.59	3.75	3.97	4.23	3.85	3.75	3.79	3.72
1.669	3.65	3.46	3.61	3.75	3.64	3.55	4.36	1.78	4.69	4.99	5.28	4.8	4.71	4.75	4.66
1.832	4.36	4.17	4.32	4.49	4.38	4.3	5.43	1.98	5.7	6.09	6.4	5.83	5.75	5.78	5.67
2.01	5.1	4.91	5.07	5.26	5.16	5.09	6.58	2.19	6.75	7.24	7.57	6.89	6.83	6.86	6.73
2.207	5.86	5.67	5.84	6.05	5.95	5.91	7.79	2.41	7.84	8.43	8.76	7.99	7.95	7.97	7.82
2.423	6.62	6.44	6.6	6.84	6.75	6.73	9.04	2.66	8.95	9.63	9.96	9.1	9.09	9.1	8.94
2.66	7.38	7.21	7.38	7.63	7.55	7.56	10.3	2.93	10.1	10.8	11.2	10.2	10.2	10.2	10.1
2.92	8.15	7.99	8.16	8.42	8.36	8.4	11.7	3.22	11.2	12.1	12.4	11.4	11.4	11.4	11.2
3.206	8.93	8.78	8.94	9.23	9.18	9.25	13.1	3.55	12.4	13.3	13.6	12.5	12.6	12.6	12.4
3.519	9.71	9.58	9.74	10	10	10.1	14.6	3.91	13.6	14.6	14.9	13.7	13.8	13.8	13.6
3.862	10.5	10.4	10.5	10.9	10.8	11	16.2	4.32	14.8	16	16.2	14.9	15.1	15.1	14.8
4.241	11.3	11.2	11.4	11.7	11.7	11.9	17.8	4.77	16	17.3	17.6	16.2	16.4	16.4	16.1
4.656	12.1	12	12.2	12.6	12.6	12.8	19.5	5.27	17.3	18.7	19	17.5	17.8	17.7	17.4
5.111	13	12.9	13.1	13.5	13.5	13.7	21.3	5.83	18.6	20.2	20.4	18.8	19.1	19.1	18.8
5.611	13.9	13.7	13.9	14.4	14.4	14.7	23.1	6.45	20	21.6	21.9	20.2	20.5	20.5	20.2
6.158	14.7	14.6	14.8	15.3	15.3	15.6	25	7.14	21.4	23.1	23.4	21.7	22	22	21.6
6.761	15.6	15.5	15.7	16.2	16.2	16.6	26.9	7.89	22.8	24.6	25	23.1	23.4	23.4	23
7.421	16.5	16.3	16.6	17.1	17.1	17.5	28.9	8.71	24.2	26.1	26.5	24.6	24.9	24.9	24.5
8.147	17.4	17.2	17.5	18.1	18.1	18.5	30.8	9.61	25.6	27.6	28	26.1	26.4	26.4	25.9
8.944	18.3	18.1	18.4	19	19	19.4	32.8	10.6	27	29.2	29.6	27.6	27.9	27.9	27.4
9.819	19.3	19	19.3	20	19.9	20.4	34.7	11.6	28.4	30.7	31.1	29.2	29.4	29.4	28.9
10.78	20.2	19.9	20.3	21	20.9	21.4	36.6	12.8	29.9	32.2	32.7	30.7	30.9	31	30.4
11.83	21.2	20.8	21.2	22	21.9	22.4	38.4	14	31.4	33.8	34.3	32.3	32.4	32.6	32
12.99	22.2	21.8	22.2	23	22.9	23.4	40.3	15.3	32.9	35.4	35.9	34	34	34.2	33.6
14.26	23.3	22.8	23.3	24.2	24.1	24.5	42.1	16.8	34.5	37.1	37.7	35.7	35.7	35.9	35.3
15.65	24.4	23.9	24.5	25.4	25.3	25.7	44	18.3	36.2	39	39.6	37.6	37.5	37.8	37.1
17.18	25.7	25.1	25.7	26.7	26.6	26.9	45.9	20	38.1	41	41.6	39.7	39.4	39.8	39
18.86	27.1	26.4	27.1	28.1	27.9	28.3	47.9	21.9	40.1	43.1	43.8	41.8	41.5	41.9	41.1
20.7	28.5	27.8	28.5	29.7	29.4	29.8	49.8	23.9	42.2	45.3	46.1	44.1	43.7	44.1	43.3
22.73	30.1	29.3	30.1	31.3	31	31.3	51.7	26	44.4	47.6	48.4	46.5	46	46.4	45.6
24.95	31.8	31	31.8	33.1	32.8	33	53.6	28.3	46.7	50	50.8	49	48.3	48.8	48
27.38	33.7	32.8	33.7	35	34.7	34.9	55.4	30.8	49.1	52.5	53.3	51.5	50.8	51.3	50.5
30.07	35.7	34.8	35.7	37.1	36.7	36.8	57.2	33.5	51.6	55	55.9	54.2	53.3	53.9	53.1
33	37.9	36.9	37.8	39.3	38.9	38.9	58.8	36.2	54.2	57.6	58.5	56.9	55.9	56.5	55.7
36.24	40.3	39.1	40.1	41.6	41.1	41.1	60.4	39.1	56.8	60.2	61.2	59.5	58.4	59.1	58.4
39.77	42.8	41.5	42.5	44	43.5	43.4	61.8	42	59.4	62.8	63.8	62.2	61	61.6	61
43.66	45.6	44.1	45.2	46.7	46.1	46	63.2	44.9	62.1	65.3	66.4	64.8	63.5	64.1	63.6
47.93	48.7	47.2	48.2	49.7	49.1	48.8	64.5	47.9	64.9	67.9	69	67.5	66.1	66.7	66.4
52.63	52.5	50.9	51.9	53.3	52.6	52.2	65.9	51	67.9	70.7	71.8	70.3	68.9	69.5	69.3
57.77	56.9	55.3	56.2	57.5	56.7	56.2	67.5	54.2	71.1	73.6	74.8	73.4	71.9	72.5	72.4
63.41	62.1	60.5	61.2	62.3	61.5	60.8	69.4	57.5	74.7	76.8	78.1	76.7	75.2	75.8	75.8
69.62	67.8	66.2	66.7	67.6	66.7	65.9	71.4	60.8	78.3	80	81.4	80.1	78.6	79.2	79.3
76.43	73.7	72.2	72.4	73.1	72	71.1	73.4	64.1	81.9	83.1	84.6	83.4	81.9	82.5	82.8
83.9	79.2	77.9	77.7	78.2	77.1	76.1	75.2	67.1	85.2	85.8	87.5	86.4	84.9	85.5	85.9
92.09	84	83	82.5	82.7	81.6	80.4	77	69.9	88	88	89.9	89	87.6	88.1	88.6
101.1	87.9	87.2	86.4	86.3	85.3	84	78.6	72.6	90.3	89.8	91.9	91.1	89.9	90.4	91
111	90.9	90.4	89.5	89.2	88.3	86.9	80.2	75.1	92.4	91.4	93.4	93	91.8	92.3	93
121.8	93.1	92.9	91.8	91.4	90.6	89.2	81.8	77.5	94.1	92.8	94.8	94.7	93.6	94.1	94.7

NGU Norges geologiske undersøkelse
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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**236**	**237**	**238**	**239**	**240**	**241**	**242**	**243**	**244**	**245**	**246**	**247**	**248**	**249**	**250**
NGU prøvenr.	**80992**	**80990**	**80988**	**80986**	**80984**	**80982**			**80927**	**80926**	**80925**	**80924**	**80923**	**80922**	**80921**
Prøve nr. → Diameter(µm) ↓	R1205MC017KA 16-17cm	R1205MC017KA 18-19cm	R1205MC017KA 20-21cm	R1205MC017KA 22-23cm	R1205MC017KA 24-25cm	R1205MC017KA 26-27cm	Standard Hynne	MINN standard	R1213MC018KA 0-1cm	R1213MC018KA 1-2cm	R1213MC018KA 2-3cm	R1213MC018KA 3-4cm	R1213MC018KA 4-5cm	R1213MC018KA 5-6cm	R1213MC018KA 6-7cm
133.7	94.9	94.8	93.7	93.1	92.4	91	83.5	79.9	95.7	94.1	96.1	96.1	95.3	95.8	96.3
146.8	96.2	96.2	95.3	94.5	93.9	92.6	85.3	82.2	97.1	95.4	97.3	97.5	96.8	97.2	97.7
161.2	97.3	97.4	96.6	95.7	95.3	94	86.9	84.4	98.3	96.6	98.4	98.5	98	98.4	98.8
176.8	98.3	98.3	97.7	96.7	96.4	95.2	88.4	86.3	99.1	97.5	99.2	99.3	99	99.3	99.5
194.2	99	99	98.6	97.6	97.3	96.3	89.6	87.9	99.6	98.2	99.7	99.7	99.6	99.7	99.9
213.2	99.5	99.5	99.3	98.2	98	97.1	90.5	89.3	99.9	98.6	99.9	99.9	99.9	99.9	100
234.1	99.8	99.8	99.7	98.6	98.5	97.7	91.3	90.4	100	98.9	100	100	100	100	100
256.8	100	100	99.9	98.9	98.8	98.2	92	91.3	100	99	100	100	100	100	100
282.1	100	100	100	99	98.9	98.5	92.6	92.1	100	99.1	100	100	100	100	100
309.6	100	100	100	99.1	99	98.8	93.2	92.8	100	99.2	100	100	100	100	100
339.8	100	100	100	99.1	99	99	93.8	93.4	100	99.3	100	100	100	100	100
373.1	100	100	100	99.2	99.1	99.2	94.4	94	100	99.5	100	100	100	100	100
409.6	100	100	100	99.3	99.3	99.4	95.1	94.6	100	99.6	100	100	100	100	100
449.7	100	100	100	99.5	99.4	99.6	95.8	95.2	100	99.7	100	100	100	100	100
493.6	100	100	100	99.7	99.6	99.8	96.6	95.9	100	99.8	100	100	100	100	100
541.9	100	100	100	99.8	99.8	99.9	97.3	96.5	100	99.9	100	100	100	100	100
594.9	100	100	100	99.9	99.9	100	98	97	100	100	100	100	100	100	100
653	100	100	100	100	100	100	98.6	97.5	100	100	100	100	100	100	100
716.9	100	100	100	100	100	100	99.1	98	100	100	100	100	100	100	100
786.9	100	100	100	100	100	100	99.5	98.4	100	100	100	100	100	100	100
863.9	100	100	100	100	100	100	99.8	98.8	100	100	100	100	100	100	100
948.2	100	100	100	100	100	100	100	99.1	100	100	100	100	100	100	100
1041	100	100	100	100	100	100	100	99.4	100	100	100	100	100	100	100
1143	100	100	100	100	100	100	100	99.7	100	100	100	100	100	100	100
1255	100	100	100	100	100	100	100	99.9	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**251**	**252**	**253**	**254**	**255**	**256**	**257**	**258**	**259**	**260**	**261**	**262**	**263**	**264**	**265**
NGU prøvenr.	**80920**	**80919**	**80918**	**80917**	**80916**	**80915**	**80914**	**80913**	**80911**	**80909**	**80907**	**80905**	**80903**	**80901**	**80899**
Prøve nr. → Diameter(µm) ↓	R1213MC018KA 7-8cm	R1213MC018KA 8-9cm	R1213MC018KA 9-10cm	R1213MC018KA 10-11cm	R1213MC018KA 11-12cm	R1213MC018KA12-13cm	R1213MC018KA 13-14cm	R1213MC018KA 14-15cm	R1213MC018KA 16-17cm	R1213MC018KA 18-19cm	R1213MC018KA 20-21cm	R1213MC018KA 22-23cm	R1213MC018KA 24-25cm	R1213MC018KA 26-27cm	R1213MC018KA 28-29cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.452	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.496	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000056	0
0.545	0.00014	0.00019	0.00023	0.00031	0.00021	0.00027	0.00019	0.00027	0.000002	0	0.000045	0	0.00023	0.0011	0.00025
0.598	0.0026	0.0031	0.0035	0.0044	0.0033	0.004	0.003	0.0038	0.0005	0.00014	0.0011	0.00026	0.0033	0.0082	0.0036
0.657	0.018	0.02	0.022	0.026	0.021	0.024	0.02	0.023	0.0059	0.0024	0.0083	0.0037	0.019	0.032	0.022
0.721	0.067	0.072	0.076	0.086	0.072	0.082	0.069	0.075	0.032	0.016	0.034	0.022	0.063	0.087	0.073
0.791	0.17	0.18	0.19	0.2	0.18	0.2	0.17	0.18	0.099	0.06	0.093	0.075	0.15	0.18	0.17
0.869	0.36	0.37	0.37	0.39	0.35	0.38	0.35	0.34	0.23	0.16	0.2	0.18	0.28	0.33	0.34
0.953	0.64	0.64	0.64	0.67	0.61	0.66	0.61	0.58	0.42	0.32	0.36	0.35	0.47	0.54	0.57
1.047	1.03	1.03	1.01	1.04	0.97	1.03	0.97	0.92	0.71	0.56	0.58	0.59	0.74	0.83	0.9
1.149	1.55	1.54	1.5	1.54	1.45	1.53	1.45	1.35	1.09	0.91	0.89	0.93	1.09	1.21	1.33
1.261	2.2	2.18	2.12	2.15	2.05	2.14	2.05	1.89	1.58	1.36	1.28	1.37	1.52	1.67	1.86
1.385	2.99	2.95	2.85	2.88	2.76	2.88	2.77	2.53	2.17	1.91	1.75	1.9	2.03	2.21	2.49
1.52	3.9	3.83	3.7	3.71	3.58	3.72	3.6	3.26	2.87	2.57	2.29	2.53	2.62	2.83	3.22
1.669	4.91	4.81	4.64	4.63	4.49	4.65	4.51	4.07	3.65	3.32	2.91	3.24	3.27	3.52	4.01
1.832	5.99	5.86	5.64	5.61	5.47	5.65	5.5	4.94	4.49	4.14	3.58	4.01	3.96	4.25	4.86
2.01	7.14	6.96	6.7	6.64	6.49	6.69	6.54	5.84	5.39	5.01	4.29	4.82	4.7	5.01	5.75
2.207	8.31	8.09	7.79	7.7	7.55	7.76	7.6	6.77	6.33	5.92	5.03	5.67	5.46	5.8	6.66
2.423	9.51	9.25	8.89	8.77	8.62	8.85	8.69	7.71	7.3	6.86	5.8	6.55	6.23	6.6	7.58
2.66	10.7	10.4	10	9.86	9.71	9.96	9.78	8.66	8.29	7.82	6.58	7.44	7.01	7.4	8.5
2.92	11.9	11.6	11.2	11	10.8	11.1	10.9	9.63	9.3	8.81	7.39	8.35	7.81	8.22	9.44
3.206	13.2	12.8	12.3	12.1	12	12.2	12	10.6	10.3	9.82	8.22	9.28	8.63	9.06	10.4
3.519	14.5	14.1	13.5	13.3	13.1	13.4	13.2	11.6	11.4	10.9	9.08	10.2	9.46	9.91	11.4
3.862	15.8	15.3	14.8	14.5	14.3	14.6	14.4	12.7	12.5	11.9	9.97	11.2	10.3	10.8	12.4
4.241	17.2	16.7	16	15.7	15.6	15.9	15.7	13.8	13.7	13	10.9	12.2	11.2	11.7	13.4
4.656	18.6	18	17.4	17	16.8	17.2	17	14.9	14.8	14.1	11.8	13.2	12.1	12.6	14.5
5.111	20.1	19.4	18.7	18.3	18.2	18.5	18.3	16.1	16	15.2	12.8	14.3	13	13.5	15.6
5.611	21.6	20.9	20.1	19.7	19.5	19.9	19.7	17.3	17.3	16.4	13.8	15.3	13.9	14.5	16.7
6.158	23.1	22.3	21.5	21.1	20.9	21.4	21.1	18.5	18.5	17.5	14.8	16.4	14.8	15.5	17.9
6.761	24.7	23.8	23	22.5	22.3	22.8	22.5	19.7	19.8	18.7	15.8	17.4	15.8	16.5	19
7.421	26.3	25.3	24.4	23.9	23.7	24.3	23.9	21	21	19.8	16.8	18.5	16.7	17.5	20.2
8.147	27.8	26.8	25.9	25.4	25.2	25.8	25.4	22.3	22.3	21	17.8	19.5	17.7	18.5	21.4
8.944	29.4	28.3	27.4	26.9	26.7	27.3	26.9	23.6	23.5	22.1	18.8	20.6	18.7	19.5	22.6
9.819	31	29.8	28.9	28.4	28.2	28.9	28.4	24.9	24.8	23.3	19.9	21.6	19.6	20.5	23.8
10.78	32.6	31.4	30.5	29.9	29.7	30.4	29.9	26.3	26.1	24.4	20.9	22.7	20.6	21.6	25
11.83	34.3	33	32	31.5	31.2	32	31.4	27.6	27.4	25.5	21.9	23.7	21.6	22.6	26.2
12.99	36	34.6	33.7	33.1	32.8	33.7	33	29.1	28.7	26.7	23	24.8	22.6	23.7	27.5
14.26	37.7	36.3	35.4	34.9	34.5	35.5	34.7	30.6	30.1	27.9	24.1	25.9	23.7	24.9	28.8
15.65	39.7	38.2	37.3	36.7	36.4	37.4	36.5	32.2	31.6	29.3	25.3	27.1	24.8	26.1	30.3
17.18	41.7	40.2	39.3	38.7	38.4	39.5	38.5	34	33.2	30.7	26.6	28.4	26.1	27.5	31.8
18.86	43.9	42.3	41.4	40.8	40.5	41.7	40.6	35.8	34.9	32.2	27.9	29.8	27.4	28.9	33.5
20.7	46.2	44.6	43.7	43.1	42.7	44	42.9	37.8	36.7	33.8	29.4	31.3	28.9	30.4	35.3
22.73	48.6	46.9	46	45.4	45.1	46.4	45.2	39.8	38.6	35.5	31	32.9	30.4	32	37.2
24.95	51.1	49.3	48.5	47.8	47.5	48.9	47.7	42	40.5	37.3	32.6	34.6	32	33.8	39.2
27.38	53.7	51.9	51.1	50.4	50.1	51.5	50.3	44.3	42.6	39.3	34.4	36.4	33.8	35.6	41.3
30.07	56.3	54.5	53.7	53	52.8	54.3	52.9	46.6	44.8	41.3	36.3	38.4	35.7	37.6	43.6
33	59	57.2	56.5	55.7	55.5	57	55.7	49.1	47	43.4	38.4	40.4	37.6	39.7	45.9
36.24	61.7	59.9	59.2	58.4	58.2	59.8	58.4	51.6	49.3	45.6	40.5	42.5	39.7	41.9	48.3
39.77	64.3	62.5	61.8	61.1	60.9	62.5	61.1	54.1	51.6	47.9	42.7	44.7	41.9	44.2	50.8
43.66	66.8	65.2	64.5	63.7	63.6	65.1	63.8	56.6	54	50.3	45.1	47.1	44.3	46.6	53.3
47.93	69.4	67.9	67.3	66.4	66.4	67.9	66.6	59.3	56.6	53	47.8	49.7	47	49.4	56.2
52.63	72.2	70.8	70.3	69.3	69.3	70.8	69.6	62.2	59.5	56	50.9	52.8	50.2	52.6	59.3
57.77	75.2	73.9	73.5	72.4	72.5	73.9	72.8	65.5	62.8	59.5	54.6	56.4	54.1	56.3	62.9
63.41	78.4	77.2	77	75.8	75.9	77.3	76.2	69.1	66.5	63.5	58.8	60.5	58.5	60.6	67
69.62	81.7	80.7	80.6	79.2	79.3	80.7	79.7	73	70.5	68	63.7	65.2	63.6	65.4	71.4
76.43	84.8	84	84	82.5	82.7	84.1	83.1	77	74.8	72.6	68.8	70.1	69	70.5	75.8
83.9	87.7	86.9	87.1	85.5	85.7	87	86.2	80.8	78.9	77.3	74	75	74.4	75.5	80.2
92.09	90.1	89.4	89.8	88.2	88.4	89.6	88.8	84.3	82.8	81.7	79	79.7	79.6	80.2	84.1
101.1	92.2	91.5	92.1	90.4	90.7	91.8	91.1	87.4	86.3	85.6	83.5	83.9	84.4	84.5	87.6
111	93.9	93.2	94	92.4	92.7	93.7	93.1	90.1	89.3	89.1	87.5	87.6	88.6	88.2	90.7
121.8	95.5	94.8	95.7	94.2	94.5	95.3	94.8	92.4	92	92.1	90.9	90.8	92.1	91.3	93.3

NGU Norges geologiske undersøkelse
7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**251**	**252**	**253**	**254**	**255**	**256**	**257**	**258**	**259**	**260**	**261**	**262**	**263**	**264**	**265**
NGU prøvenr.	**80920**	**80919**	**80918**	**80917**	**80916**	**80915**	**80914**	**80913**	**80911**	**80909**	**80907**	**80905**	**80903**	**80901**	**80899**
Prøve nr. → Diameter(µm) ↓	R1213MC018KA 7-8cm	R1213MC018KA 8-9cm	R1213MC018KA 9-10cm	R1213MC018KA 10-11cm	R1213MC018KA 11-12cm	R1213MC018KA12-13cm	R1213MC018KA 13-14cm	R1213MC018KA 14-15cm	R1213MC018KA 16-17cm	R1213MC018KA 18-19cm	R1213MC018KA 20-21cm	R1213MC018KA 22-23cm	R1213MC018KA 24-25cm	R1213MC018KA 26-27cm	R1213MC018KA 28-29cm
133.7	96.9	96.2	97.2	95.9	96.1	96.8	96.4	94.5	94.3	94.6	93.7	93.5	95	93.9	95.5
146.8	98.1	97.5	98.4	97.4	97.6	98.1	97.7	96.2	96.2	96.6	95.9	95.8	97.2	96	97.3
161.2	99	98.6	99.3	98.6	98.7	99.1	98.8	97.7	97.7	98.2	97.6	97.5	98.7	97.6	98.6
176.8	99.6	99.4	99.8	99.4	99.5	99.6	99.5	98.7	98.7	99.2	98.7	98.7	99.5	98.7	99.4
194.2	99.9	99.8	100	99.8	99.8	99.9	99.9	99.4	99.4	99.7	99.4	99.5	99.9	99.4	99.8
213.2	100	100	100	100	100	100	100	99.8	99.8	99.9	99.8	99.8	100	99.7	100
234.1	100	100	100	100	100	100	100	100	99.9	100	99.9	100	100	99.9	100
256.8	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
282.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
309.6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
339.8	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
373.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
409.6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
449.7	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
493.6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
541.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
594.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
653	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
716.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
786.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
863.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
948.2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1041	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1143	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1255	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

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GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**266**	**267**	**268**	**269**	**270**	**271**	**272**	**273**	**274**	**275**	**276**	**277**	**278**	**279**	**280**
NGU prøvenr.	**80897**	**80895**	**80893**			**81356**	**81357**	**81358**	**81359**	**81360**	**81361**	**81362**	**81363**	**81364**	**81365**
Prøve nr. → Diameter(µm) ↓	R1213MC018KA 30-31cm	R1213MC018KA 32-33cm	R1213MC018KA 34-35cm	Standard Hynne	MINN standard	R889MC025KA 0-1cm	R889MC025KA 1-2cm	R889MC025KA 2-3cm	R889MC025KA 3-4cm	R889MC025KA 4-5cm	R889MC025KA 5-6cm	R889MC025KA 6-7cm	R889MC025KA 7-8cm	R889MC025KA 8-9cm	R889MC025KA 9-10cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0	0	0.015	0	0	0	0	0	0	0	0	0	0
0.452	0	0	0	0	0.043	0	0	0	0	0	0	0	0	0	0
0.496	0	0	0.000008	0	0.083	0.00018	0.00014	0	0.00024	0.00019	0.0002	0.00021	0.00021	0.000085	0.00027
0.545	0.00023	0.00031	0.00058	0	0.14	0.0027	0.0023	0.00031	0.0033	0.0028	0.0029	0.003	0.003	0.0015	0.0036
0.598	0.0034	0.0043	0.006	0.00017	0.21	0.017	0.015	0.0044	0.02	0.017	0.018	0.018	0.018	0.011	0.021
0.657	0.021	0.026	0.03	0.003	0.3	0.057	0.054	0.026	0.065	0.057	0.061	0.061	0.061	0.041	0.069
0.721	0.071	0.083	0.093	0.021	0.4	0.14	0.14	0.086	0.15	0.14	0.15	0.15	0.15	0.11	0.16
0.791	0.17	0.2	0.21	0.079	0.51	0.28	0.28	0.2	0.3	0.27	0.29	0.29	0.29	0.22	0.31
0.869	0.33	0.38	0.4	0.21	0.63	0.48	0.49	0.39	0.51	0.48	0.5	0.49	0.49	0.4	0.53
0.953	0.57	0.64	0.67	0.42	0.76	0.77	0.8	0.67	0.81	0.76	0.8	0.78	0.79	0.66	0.83
1.047	0.91	1	1.04	0.75	0.91	1.16	1.21	1.05	1.21	1.14	1.2	1.17	1.18	1	1.23
1.149	1.34	1.46	1.53	1.22	1.06	1.66	1.73	1.54	1.71	1.62	1.71	1.66	1.67	1.44	1.74
1.261	1.88	2.04	2.12	1.82	1.22	2.26	2.38	2.15	2.32	2.2	2.33	2.26	2.27	1.99	2.35
1.385	2.53	2.72	2.83	2.56	1.38	2.97	3.13	2.88	3.04	2.89	3.05	2.96	2.97	2.64	3.06
1.52	3.27	3.5	3.64	3.45	1.56	3.77	3.99	3.72	3.85	3.67	3.87	3.75	3.77	3.37	3.87
1.669	4.08	4.36	4.52	4.45	1.75	4.65	4.94	4.64	4.73	4.52	4.77	4.61	4.64	4.17	4.75
1.832	4.95	5.28	5.47	5.54	1.94	5.59	5.94	5.63	5.67	5.43	5.73	5.53	5.56	5.03	5.68
2.01	5.86	6.24	6.45	6.72	2.16	6.57	6.99	6.67	6.65	6.38	6.73	6.48	6.53	5.92	6.65
2.207	6.79	7.22	7.45	7.94	2.39	7.57	8.05	7.74	7.64	7.35	7.74	7.46	7.51	6.83	7.64
2.423	7.73	8.21	8.47	9.22	2.63	8.58	9.13	8.83	8.65	8.33	8.77	8.44	8.51	7.75	8.64
2.66	8.68	9.21	9.49	10.5	2.91	9.61	10.2	9.93	9.68	9.32	9.81	9.44	9.52	8.67	9.64
2.92	9.64	10.2	10.5	11.9	3.2	10.6	11.3	11.1	10.7	10.3	10.9	10.4	10.5	9.6	10.7
3.206	10.6	11.3	11.6	13.4	3.53	11.7	12.5	12.2	11.8	11.4	11.9	11.5	11.6	10.6	11.7
3.519	11.6	12.3	12.7	14.9	3.9	12.8	13.6	13.4	12.9	12.4	13.1	12.5	12.7	11.5	12.8
3.862	12.6	13.4	13.8	16.4	4.31	13.9	14.8	14.6	14	13.5	14.2	13.6	13.8	12.5	13.9
4.241	13.7	14.5	15	18.1	4.76	15	16	15.8	15.1	14.6	15.4	14.7	14.9	13.6	15
4.656	14.8	15.7	16.1	19.8	5.26	16.2	17.3	17.1	16.3	15.8	16.6	15.8	16.1	14.6	16.2
5.111	15.9	16.9	17.4	21.7	5.82	17.4	18.6	18.4	17.6	17	17.8	17	17.3	15.7	17.4
5.611	17.1	18.2	18.6	23.5	6.44	18.7	19.9	19.7	18.8	18.2	19.1	18.2	18.5	16.9	18.6
6.158	18.2	19.4	19.9	25.5	7.11	20	21.3	21.1	20.1	19.4	20.4	19.4	19.8	18	19.9
6.761	19.4	20.7	21.3	27.4	7.86	21.2	22.6	22.4	21.4	20.7	21.7	20.6	21	19.2	21.2
7.421	20.6	22	22.6	29.4	8.67	22.5	24	23.8	22.7	21.9	23	21.8	22.3	20.3	22.5
8.147	21.8	23.3	23.9	31.4	9.55	23.8	25.3	25.1	24	23.2	24.3	23	23.6	21.5	23.7
8.944	23.1	24.6	25.3	33.4	10.5	25	26.7	26.4	25.4	24.4	25.6	24.2	24.8	22.6	25
9.819	24.3	25.9	26.7	35.3	11.5	26.3	28	27.7	26.6	25.6	26.9	25.4	26.1	23.8	26.3
10.78	25.5	27.3	28	37.2	12.7	27.5	29.3	28.9	27.9	26.9	28.3	26.6	27.4	24.9	27.6
11.83	26.8	28.6	29.4	39.1	13.9	28.8	30.6	30.2	29.2	28.1	29.6	27.7	28.7	26	28.9
12.99	28.1	30	30.9	41	15.2	30.1	32	31.5	30.6	29.4	30.9	28.9	30	27.2	30.2
14.26	29.5	31.5	32.4	42.8	16.6	31.4	33.4	32.8	32	30.7	32.3	30.2	31.4	28.4	31.6
15.65	30.9	33.1	34	44.8	18.1	32.9	35	34.3	33.5	32.2	33.9	31.6	32.9	29.7	33.1
17.18	32.5	34.8	35.8	46.7	19.7	34.6	36.7	35.9	35.2	33.8	35.6	33.1	34.5	31.2	34.8
18.86	34.2	36.6	37.6	48.7	21.5	36.3	38.5	37.6	37	35.5	37.4	34.8	36.3	32.8	36.6
20.7	36	38.5	39.6	50.7	23.5	38.3	40.5	39.4	38.9	37.3	39.4	36.5	38.2	34.5	38.6
22.73	37.9	40.6	41.6	52.6	25.6	40.3	42.6	41.4	41	39.3	41.5	38.4	40.3	36.4	40.7
24.95	39.9	42.7	43.8	54.5	27.9	42.5	44.9	43.4	43.3	41.5	43.7	40.5	42.5	38.3	42.9
27.38	41.9	44.9	46	56.3	30.3	44.9	47.3	45.6	45.7	43.8	46.1	42.7	44.9	40.4	45.3
30.07	44.1	47.3	48.3	58.1	32.9	47.5	49.9	48	48.2	46.2	48.7	45	47.4	42.7	47.9
33	46.4	49.7	50.7	59.8	35.6	50.2	52.5	50.5	50.9	48.8	51.3	47.5	50.1	45.2	50.5
36.24	48.8	52.1	53.1	61.3	38.4	53	55.3	53	53.6	51.5	54.1	50	52.8	47.7	53.2
39.77	51.2	54.6	55.6	62.7	41.3	55.9	58	55.6	56.4	54.3	56.9	52.6	55.6	50.3	56
43.66	53.6	57.1	58.1	64	44.2	58.9	60.9	58.3	59.3	57.2	59.7	55.3	58.4	53.1	58.8
47.93	56.3	59.8	60.7	65.3	47.1	62.1	63.8	61.2	62.4	60.2	62.7	58.2	61.4	56.1	61.8
52.63	59.3	62.7	63.6	66.7	50.2	65.4	66.9	64.3	65.6	63.6	65.9	61.3	64.6	59.3	65
57.77	62.7	66.1	66.9	68.3	53.4	69	70.2	67.7	69.2	67.1	69.3	64.7	68.1	62.9	68.4
63.41	66.6	69.9	70.6	70	56.7	72.8	73.7	71.4	72.9	71	73	68.3	71.7	66.7	71.9
69.62	70.9	73.9	74.5	71.9	60	76.6	77.3	75.2	76.8	74.9	76.7	72.1	75.5	70.7	75.6
76.43	75.3	78	78.4	73.8	63.2	80.3	80.6	78.9	80.5	78.8	80.4	75.8	79.2	74.7	79.1
83.9	79.7	81.8	82.2	75.5	66.2	83.6	83.7	82.4	83.9	82.3	83.7	79.2	82.5	78.3	82.3
92.09	83.7	85.3	85.6	77	69	86.4	86.4	85.4	86.8	85.5	86.6	82.3	85.5	81.6	85
101.1	87.2	88.3	88.5	78.4	71.6	88.8	88.7	88.1	89.3	88.2	89.1	84.9	88.1	84.4	87.3
111	90.3	90.9	91.1	79.8	74.1	90.9	90.7	90.5	91.5	90.6	91.3	87.3	90.3	86.8	89.3
121.8	93	93.2	93.3	81.3	76.5	92.7	92.6	92.7	93.5	92.7	93.3	89.4	92.4	89	91

NGU Norges geologiske undersøkelse
7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**266**	**267**	**268**	**269**	**270**	**271**	**272**	**273**	**274**	**275**	**276**	**277**	**278**	**279**	**280**
NGU prøvenr.	**80897**	**80895**	**80893**			**81356**	**81357**	**81358**	**81359**	**81360**	**81361**	**81362**	**81363**	**81364**	**81365**
Prøve nr. → Diameter(µm) ↓	R1213MC018KA 30-31cm	R1213MC018KA 32-33cm	R1213MC018KA 34-35cm	Standard Hynne	MINN standard	R889MC025KA 0-1cm	R889MC025KA 1-2cm	R889MC025KA 2-3cm	R889MC025KA 3-4cm	R889MC025KA 4-5cm	R889MC025KA 5-6cm	R889MC025KA 6-7cm	R889MC025KA 7-8cm	R889MC025KA 8-9cm	R889MC025KA 9-10cm
133.7	95.2	95.2	95.3	83	78.8	94.5	94.5	94.6	95.3	94.7	95.2	91.4	94.3	91	92.6
146.8	97	96.9	97	84.8	81.1	96.1	96.2	96.4	96.9	96.4	96.8	93.1	96.1	92.8	94.1
161.2	98.4	98.2	98.3	86.5	83.2	97.5	97.6	97.8	98.2	97.8	98.1	94.6	97.6	94.4	95.4
176.8	99.3	99.1	99.2	88	85.1	98.7	98.7	98.9	99.2	98.9	99.1	95.9	98.7	95.7	96.4
194.2	99.8	99.7	99.7	89.3	86.8	99.4	99.5	99.5	99.7	99.5	99.6	96.8	99.4	96.7	97.1
213.2	99.9	99.9	99.9	90.3	88.3	99.8	99.8	99.9	99.9	99.9	99.9	97.3	99.8	97.4	97.7
234.1	100	100	100	91	89.6	100	100	100	100	100	100	97.7	100	97.8	98
256.8	100	100	100	91.7	90.8	100	100	100	100	100	100	97.9	100	98.1	98.2
282.1	100	100	100	92.3	91.9	100	100	100	100	100	100	98	100	98.2	98.3
309.6	100	100	100	92.9	92.8	100	100	100	100	100	100	98.1	100	98.3	98.3
339.8	100	100	100	93.5	93.6	100	100	100	100	100	100	98.3	100	98.3	98.4
373.1	100	100	100	94.2	94.4	100	100	100	100	100	100	98.5	100	98.5	98.5
409.6	100	100	100	94.8	95.2	100	100	100	100	100	100	98.7	100	98.7	98.6
449.7	100	100	100	95.5	95.9	100	100	100	100	100	100	99	100	98.9	98.8
493.6	100	100	100	96.1	96.7	100	100	100	100	100	100	99.4	100	99.2	99
541.9	100	100	100	96.7	97.4	100	100	100	100	100	100	99.7	100	99.4	99.2
594.9	100	100	100	97.3	98	100	100	100	100	100	100	99.9	100	99.5	99.3
653	100	100	100	98	98.6	100	100	100	100	100	100	100	100	99.6	99.4
716.9	100	100	100	98.6	99	100	100	100	100	100	100	100	100	99.6	99.6
786.9	100	100	100	99.2	99.3	100	100	100	100	100	100	100	100	99.8	99.7
863.9	100	100	100	99.7	99.6	100	100	100	100	100	100	100	100	99.9	99.9
948.2	100	100	100	99.9	99.8	100	100	100	100	100	100	100	100	100	100
1041	100	100	100	100	99.9	100	100	100	100	100	100	100	100	100	100
1143	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1255	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**281**	**282**	**283**	**284**	**285**	**286**	**287**	**288**	**289**	**290**	**291**	**292**	**293**	**294**	**295**
NGU prøvenr.	**81366**	**81367**	**81368**	**81369**	**81370**	**81372**	**81374**	**81376**	**81378**	**81380**	**81382**	**81384**	**81386**	**81388**	**81255**
Prøve nr. → Diameter(µm) ↓	R889MC025KA 10-11cm	R889MC025KA 11-12cm	R889MC025KA 12-13cm	R889MC025KA13-14cm	R889MC025KA 14-15cm	R889MC025KA 16-17cm	R889MC025KA 18-19cm	R889MC025KA 20-21cm	R889MC025KA 22-23cm	R889MC025KA 24-25cm	R889MC025KA 26-27cm	R889MC025KA 28-29cm	R889MC025KA 30-31cm	R889MC025KA 32-33cm	R898MC023KA_0-1cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.452	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.496	0.00012	0.0002	0.00012	0.000039	0	0	0.000009	0.000015	0.000097	0	0.000003	0.00028	0.00011	0.00023	0.00028
0.545	0.002	0.0029	0.0021	0.0012	0.00036	0.00039	0.00078	0.00093	0.002	0.00043	0.00072	0.004	0.0022	0.0032	0.0035
0.598	0.013	0.018	0.015	0.011	0.0052	0.0056	0.0083	0.0093	0.015	0.0061	0.0085	0.024	0.016	0.019	0.02
0.657	0.048	0.063	0.056	0.047	0.031	0.033	0.042	0.046	0.059	0.037	0.046	0.082	0.062	0.063	0.061
0.721	0.12	0.15	0.15	0.13	0.1	0.11	0.13	0.14	0.16	0.12	0.14	0.2	0.16	0.15	0.14
0.791	0.25	0.31	0.31	0.3	0.25	0.26	0.29	0.31	0.34	0.29	0.33	0.39	0.35	0.29	0.26
0.869	0.44	0.53	0.55	0.55	0.48	0.5	0.56	0.59	0.61	0.56	0.63	0.68	0.63	0.5	0.43
0.953	0.72	0.86	0.9	0.92	0.83	0.86	0.94	0.99	1.01	0.95	1.07	1.09	1.03	0.8	0.67
1.047	1.09	1.29	1.37	1.42	1.3	1.35	1.46	1.55	1.54	1.49	1.67	1.63	1.58	1.19	0.98
1.149	1.57	1.84	1.98	2.07	1.92	1.98	2.14	2.26	2.24	2.2	2.45	2.32	2.29	1.68	1.37
1.261	2.16	2.51	2.73	2.87	2.69	2.77	2.98	3.15	3.09	3.08	3.41	3.17	3.16	2.29	1.85
1.385	2.85	3.29	3.61	3.82	3.61	3.71	3.97	4.2	4.1	4.13	4.56	4.16	4.18	2.99	2.4
1.52	3.64	4.18	4.61	4.89	4.65	4.78	5.11	5.4	5.24	5.33	5.86	5.28	5.35	3.79	3.02
1.669	4.5	5.15	5.7	6.08	5.8	5.96	6.36	6.72	6.5	6.65	7.3	6.51	6.63	4.67	3.69
1.832	5.42	6.18	6.87	7.34	7.03	7.21	7.69	8.12	7.84	8.06	8.83	7.82	8	5.6	4.41
2.01	6.38	7.25	8.08	8.65	8.31	8.51	9.07	9.58	9.23	9.54	10.4	9.19	9.42	6.56	5.17
2.207	7.35	8.33	9.31	9.98	9.61	9.82	10.5	11.1	10.6	11	12.1	10.6	10.9	7.55	5.94
2.423	8.34	9.42	10.5	11.3	10.9	11.1	11.9	12.6	12.1	12.6	13.7	12	12.3	8.55	6.71
2.66	9.33	10.5	11.8	12.7	12.2	12.5	13.3	14.1	13.5	14.1	15.3	13.5	13.8	9.56	7.5
2.92	10.3	11.6	13	14	13.5	13.8	14.8	15.6	15	15.6	17	14.9	15.3	10.6	8.29
3.206	11.4	12.7	14.3	15.4	14.9	15.1	16.2	17.1	16.4	17.2	18.7	16.4	16.8	11.6	9.1
3.519	12.4	13.9	15.6	16.8	16.3	16.5	17.7	18.7	17.9	18.8	20.4	17.9	18.4	12.7	9.91
3.862	13.5	15.1	17	18.2	17.6	17.9	19.2	20.3	19.5	20.4	22.2	19.5	19.9	13.8	10.7
4.241	14.6	16.3	18.3	19.7	19.1	19.3	20.7	22	21	22.1	24	21.1	21.6	14.9	11.6
4.656	15.7	17.5	19.8	21.2	20.5	20.8	22.3	23.7	22.7	23.8	25.9	22.7	23.2	16.1	12.4
5.111	16.9	18.8	21.2	22.7	22	22.3	23.9	25.4	24.3	25.6	27.8	24.4	25	17.3	13.3
5.611	18.1	20.2	22.7	24.3	23.6	23.9	25.6	27.2	26	27.4	29.7	26.2	26.7	18.5	14.2
6.158	19.3	21.5	24.2	25.9	25.1	25.4	27.3	29	27.8	29.2	31.7	27.9	28.5	19.7	15.1
6.761	20.5	22.9	25.8	27.5	26.7	27	29	30.8	29.5	31	33.6	29.7	30.3	21	16
7.421	21.8	24.3	27.3	29.1	28.2	28.5	30.7	32.6	31.3	32.8	35.6	31.5	32.1	22.2	16.8
8.147	23	25.6	28.8	30.8	29.7	30.1	32.4	34.4	33	34.6	37.6	33.3	33.9	23.5	17.7
8.944	24.2	27	30.4	32.4	31.3	31.6	34.1	36.2	34.8	36.5	39.6	35.1	35.7	24.7	18.6
9.819	25.4	28.4	31.9	34	32.8	33.2	35.9	38.1	36.6	38.3	41.5	36.9	37.5	26	19.4
10.78	26.6	29.7	33.5	35.6	34.3	34.7	37.6	39.9	38.4	40.2	43.5	38.8	39.3	27.2	20.2
11.83	27.8	31.1	35	37.2	35.9	36.3	39.4	41.7	40.2	42.1	45.5	40.7	41.2	28.5	21.1
12.99	29	32.5	36.7	38.9	37.5	37.9	41.2	43.6	42	44	47.5	42.6	43.1	29.7	21.9
14.26	30.3	34.1	38.4	40.7	39.2	39.6	43.1	45.6	44	46	49.7	44.7	45.1	31.1	22.9
15.65	31.8	35.7	40.3	42.7	41	41.4	45.2	47.8	46.2	48.2	51.9	47	47.3	32.6	23.8
17.18	33.3	37.5	42.3	44.8	43	43.4	47.4	50.1	48.4	50.6	54.4	49.4	49.7	34.2	24.9
18.86	35	39.4	44.5	47	45.1	45.5	49.8	52.6	50.9	53.1	56.9	51.9	52.2	35.9	26.2
20.7	36.8	41.5	46.8	49.3	47.4	47.7	52.3	55.2	53.4	55.7	59.6	54.6	54.8	37.8	27.5
22.73	38.7	43.6	49.2	51.8	49.7	50	54.9	57.8	56.1	58.4	62.3	57.3	57.5	39.8	29
24.95	40.8	45.9	51.7	54.4	52.2	52.4	57.5	60.5	58.8	61.1	65	60.1	60.3	42	30.7
27.38	43	48.3	54.4	57	54.8	54.9	60.2	63.3	61.6	63.9	67.7	63	63.1	44.3	32.6
30.07	45.3	50.9	57.2	59.8	57.4	57.5	63	66.1	64.4	66.8	70.5	65.9	66	46.8	34.6
33	47.8	53.5	60	62.6	60.2	60.1	65.8	68.9	67.3	69.6	73.2	68.8	68.9	49.4	37
36.24	50.3	56.1	62.8	65.4	62.9	62.7	68.5	71.6	70.1	72.4	75.8	71.5	71.6	52.1	39.5
39.77	52.9	58.8	65.6	68.1	65.7	65.2	71	74.2	72.7	75	78.1	74.2	74.3	55	42.4
43.66	55.5	61.4	68.4	70.8	68.4	67.7	73.5	76.6	75.3	77.4	80.3	76.6	76.7	57.9	45.6
47.93	58.3	64.2	71.1	73.5	71.1	70.2	75.8	79	77.8	79.8	82.4	79	79.1	61	49.2
52.63	61.3	67.1	74	76.3	74	72.8	78.2	81.4	80.4	82.2	84.5	81.4	81.5	64.3	53.4
57.77	64.5	70.2	77	79.2	77	75.5	80.6	83.8	83	84.7	86.6	83.9	84	67.8	58
63.41	68	73.5	80.1	82.2	80.1	78.3	83	86.3	85.6	87.2	88.7	86.3	86.4	71.5	63.1
69.62	71.6	76.9	83.2	85.2	83.2	81.1	85.3	88.6	88.2	89.6	90.6	88.6	88.7	75.2	68.5
76.43	75.1	80.1	86	87.9	86.1	83.6	87.3	90.7	90.4	91.7	92.2	90.5	90.6	78.8	73.8
83.9	78.2	83	88.4	90.2	88.6	85.8	88.9	92.3	92.1	93.3	93.4	91.9	92	82.1	78.8
92.09	81	85.5	90.4	91.9	90.7	87.5	90.1	93.4	93.4	94.5	94	92.9	93	85	83.2
101.1	83.4	87.5	92	93.3	92.4	88.9	91	94.3	94.2	95.3	94.4	93.5	93.6	87.5	87
111	85.5	89.3	93.4	94.4	93.8	90	91.7	95	95	96	94.7	94	94.1	89.7	90.2
121.8	87.4	90.9	94.7	95.4	95.1	91.2	92.4	95.8	95.7	96.6	95.1	94.6	94.6	91.7	92.9

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Analysekontrakt nr.: 2014.0017 DEL 2

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Coulter data (Kumulativ volum % <)

Løpenr.	**281**	**282**	**283**	**284**	**285**	**286**	**287**	**288**	**289**	**290**	**291**	**292**	**293**	**294**	**295**
NGU prøvenr.	**81366**	**81367**	**81368**	**81369**	**81370**	**81372**	**81374**	**81376**	**81378**	**81380**	**81382**	**81384**	**81386**	**81388**	**81255**
Prøve nr. → Diameter(µm) ↓	R889MC025KA 10-11cm	R889MC025KA 11-12cm	R889MC025KA 12-13cm	R889MC025KA13-14cm	R889MC025KA 14-15cm	R889MC025KA 16-17cm	R889MC025KA 18-19cm	R889MC025KA 20-21cm	R889MC025KA 22-23cm	R889MC025KA 24-25cm	R889MC025KA 26-27cm	R889MC025KA 28-29cm	R889MC025KA 30-31cm	R889MC025KA 32-33cm	R898MC023KA_0-1cm
133.7	89.2	92.5	96	96.4	96.4	92.4	93.3	96.8	96.5	97.3	95.6	95.2	95.3	93.4	95.1
146.8	91	93.9	97.3	97.4	97.5	93.6	94.3	97.8	97.5	98.1	96.3	96	96.1	94.9	96.9
161.2	92.6	95.3	98.4	98.4	98.6	94.8	95.2	98.7	98.4	98.9	97.1	96.8	97	96.2	98.2
176.8	94	96.3	99.2	99.2	99.3	95.7	96	99.4	99.1	99.5	97.7	97.5	97.7	97.1	99.1
194.2	95	97.1	99.7	99.7	99.8	96.4	96.6	99.8	99.6	99.8	98.2	97.9	98.2	97.7	99.7
213.2	95.8	97.6	99.9	99.9	99.9	96.9	96.9	100	99.9	100	98.5	98.2	98.5	98	99.9
234.1	96.3	97.8	100	100	100	97.1	97.1	100	100	100	98.7	98.3	98.6	98.2	100
256.8	96.7	98	100	100	100	97.3	97.2	100	100	100	98.8	98.4	98.7	98.3	100
282.1	97	98	100	100	100	97.4	97.2	100	100	100	98.8	98.5	98.8	98.4	100
309.6	97.2	98.1	100	100	100	97.6	97.3	100	100	100	98.9	98.6	98.9	98.5	100
339.8	97.5	98.2	100	100	100	97.9	97.4	100	100	100	99	98.7	99	98.6	100
373.1	97.8	98.3	100	100	100	98.2	97.5	100	100	100	99.1	98.9	99.1	98.6	100
409.6	98.2	98.5	100	100	100	98.6	97.7	100	100	100	99.2	99.2	99.3	98.8	100
449.7	98.5	98.7	100	100	100	99	97.9	100	100	100	99.4	99.4	99.4	99	100
493.6	98.8	98.9	100	100	100	99.4	98.2	100	100	100	99.6	99.7	99.6	99.3	100
541.9	99	99.1	100	100	100	99.7	98.4	100	100	100	99.8	99.9	99.8	99.5	100
594.9	99.2	99.2	100	100	100	99.9	98.7	100	100	100	99.9	100	99.9	99.8	100
653	99.4	99.4	100	100	100	100	99	100	100	100	100	100	100	99.9	100
716.9	99.6	99.5	100	100	100	100	99.3	100	100	100	100	100	100	100	100
786.9	99.8	99.7	100	100	100	100	99.6	100	100	100	100	100	100	100	100
863.9	99.9	99.9	100	100	100	100	99.8	100	100	100	100	100	100	100	100
948.2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1041	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1143	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1255	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

7491 TRONDHEIM
Tlf.: 73 90 40 00
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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**296**	**297**	**298**	**299**	**300**	**301**	**302**	**303**	**304**	**305**	**306**	**307**	**308**	**309**	**310**
NGU prøvenr.	**81209**			**81515**	**81516**	**81517**	**81518**	**81519**	**81520**	**81521**	**81522**	**81523**	**81524**	**81525**	**81526**
Prøve nr. → Diameter(µm) ↓	R911MC022KA 0-1cm	Standard Hynne	MINN standard	R949MC028KA 0-1cm	R949MC028KA1-2cm	R949MC028KA 2-3cm	R949MC028KA 3-4cm	R949MC028KA 4-5cm	R949MC028KA 5-6cm	R949MC028KA 6-7cm	R949MC028KA 7-8cm	R949MC028KA 8-9cm	R949MC028KA 9-10cm	R949MC028KA 10-11cm	R949MC028KA 11-12cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0.017	0	0	0	0	0	0	0	0	0	0	0	0
0.452	0	0	0.046	0	0	0	0	0	0	0	0	0	0	0	0
0.496	0.00011	0	0.09	0	0.00027	0	0.00012	0.00018	0.00018	0.00034	0.00024	0.00028	0.00021	0.00029	0.00028
0.545	0.0016	0	0.15	0	0.0038	0.00019	0.0021	0.0028	0.0028	0.0044	0.0034	0.0038	0.003	0.0038	0.0038
0.598	0.0097	0.00021	0.23	0.00048	0.023	0.0033	0.015	0.018	0.018	0.025	0.02	0.022	0.018	0.022	0.023
0.657	0.033	0.0035	0.32	0.0064	0.076	0.022	0.054	0.062	0.061	0.08	0.067	0.073	0.062	0.072	0.073
0.721	0.082	0.024	0.43	0.038	0.18	0.078	0.14	0.15	0.15	0.19	0.16	0.17	0.15	0.17	0.17
0.791	0.16	0.086	0.55	0.12	0.35	0.2	0.29	0.31	0.3	0.35	0.31	0.33	0.29	0.32	0.33
0.869	0.28	0.22	0.68	0.29	0.61	0.4	0.52	0.54	0.53	0.6	0.54	0.56	0.51	0.55	0.56
0.953	0.45	0.45	0.82	0.55	0.96	0.71	0.85	0.87	0.85	0.94	0.85	0.89	0.81	0.86	0.89
1.047	0.68	0.8	0.97	0.93	1.44	1.14	1.3	1.32	1.27	1.38	1.27	1.32	1.22	1.28	1.31
1.149	0.97	1.28	1.13	1.45	2.04	1.71	1.87	1.88	1.82	1.94	1.8	1.87	1.73	1.81	1.86
1.261	1.33	1.9	1.3	2.11	2.78	2.43	2.57	2.57	2.49	2.62	2.45	2.53	2.36	2.44	2.52
1.385	1.75	2.67	1.47	2.91	3.63	3.29	3.4	3.39	3.28	3.41	3.21	3.31	3.1	3.19	3.29
1.52	2.24	3.58	1.65	3.85	4.61	4.28	4.34	4.31	4.17	4.3	4.06	4.19	3.94	4.03	4.15
1.669	2.77	4.61	1.84	4.9	5.67	5.37	5.38	5.32	5.15	5.28	5	5.15	4.85	4.95	5.11
1.832	3.35	5.73	2.04	6.04	6.81	6.54	6.48	6.4	6.19	6.32	6	6.17	5.83	5.93	6.12
2.01	3.96	6.93	2.26	7.24	7.99	7.76	7.63	7.52	7.28	7.4	7.04	7.24	6.86	6.96	7.19
2.207	4.58	8.18	2.49	8.48	9.21	9	8.81	8.67	8.4	8.52	8.1	8.33	7.91	8.01	8.27
2.423	5.22	9.47	2.74	9.76	10.4	10.3	10	9.84	9.53	9.65	9.18	9.44	8.98	9.09	9.38
2.66	5.87	10.8	3.01	11.1	11.7	11.5	11.2	11	10.7	10.8	10.3	10.6	10.1	10.2	10.5
2.92	6.53	12.2	3.31	12.4	13	12.8	12.4	12.2	11.9	12	11.4	11.7	11.2	11.3	11.7
3.206	7.19	13.7	3.64	13.7	14.3	14.1	13.7	13.5	13.1	13.2	12.5	12.9	12.3	12.4	12.8
3.519	7.86	15.2	4.01	15.2	15.7	15.5	15	14.8	14.3	14.4	13.7	14.1	13.5	13.6	14.1
3.862	8.53	16.8	4.42	16.6	17.1	16.9	16.4	16.1	15.6	15.7	15	15.4	14.7	14.9	15.3
4.241	9.2	18.5	4.89	18.1	18.5	18.3	17.8	17.5	17	17.1	16.3	16.8	16	16.1	16.6
4.656	9.87	20.2	5.4	19.7	20.1	19.8	19.2	18.9	18.4	18.5	17.6	18.1	17.3	17.5	18
5.111	10.5	22.1	5.97	21.2	21.6	21.4	20.7	20.4	19.8	20	19	19.6	18.7	18.8	19.4
5.611	11.2	24	6.6	22.9	23.3	23	22.3	21.9	21.3	21.5	20.4	21	20.1	20.2	20.9
6.158	11.8	25.9	7.29	24.5	24.9	24.7	23.9	23.5	22.9	23	21.9	22.6	21.6	21.7	22.3
6.761	12.5	27.9	8.06	26.1	26.6	26.3	25.5	25.1	24.4	24.6	23.4	24.1	23	23.2	23.8
7.421	13.1	29.9	8.9	27.8	28.3	28	27.1	26.7	25.9	26.2	24.9	25.6	24.5	24.6	25.3
8.147	13.7	31.9	9.81	29.4	30	29.6	28.7	28.3	27.5	27.8	26.4	27.2	26	26.1	26.8
8.944	14.2	33.9	10.8	30.9	31.7	31.2	30.2	29.8	29	29.3	27.9	28.7	27.4	27.6	28.4
9.819	14.8	35.9	11.9	32.5	33.4	32.8	31.8	31.4	30.5	30.9	29.4	30.2	28.9	29	29.9
10.78	15.3	37.8	13	34	35.1	34.3	33.3	33	32.1	32.5	30.8	31.7	30.3	30.5	31.4
11.83	15.8	39.7	14.3	35.4	36.7	35.8	34.9	34.5	33.6	34	32.3	33.2	31.8	32	32.9
12.99	16.3	41.5	15.6	36.9	38.4	37.4	36.4	36.1	35.1	35.6	33.8	34.8	33.3	33.5	34.4
14.26	16.9	43.4	17.1	38.4	40.3	39	38.1	37.7	36.7	37.3	35.4	36.5	34.8	35.1	36.1
15.65	17.4	45.3	18.7	40.1	42.2	40.8	39.9	39.6	38.5	39.2	37.1	38.3	36.5	36.8	37.8
17.18	18.1	47.3	20.4	41.9	44.3	42.8	41.8	41.5	40.4	41.2	39	40.2	38.4	38.7	39.8
18.86	18.8	49.2	22.2	43.8	46.6	45	44	43.7	42.6	43.4	41.1	42.4	40.4	40.8	41.9
20.7	19.5	51.2	24.2	45.9	49.1	47.3	46.3	46	44.8	45.7	43.3	44.7	42.6	43	44.2
22.73	20.4	53.2	26.4	48.1	51.8	49.8	48.8	48.5	47.3	48.3	45.7	47.1	45	45.4	46.7
24.95	21.3	55	28.8	50.5	54.6	52.4	51.4	51.2	49.9	51	48.3	49.8	47.5	48	49.3
27.38	22.3	56.9	31.3	52.9	57.6	55.2	54.2	54	52.7	53.8	51	52.6	50.2	50.7	52.1
30.07	23.4	58.6	34	55.5	60.8	58.1	57.1	57	55.7	56.9	53.9	55.6	53.1	53.6	55.1
33	24.7	60.3	36.8	58.3	64	61.1	60.2	60.1	58.7	60	56.9	58.6	56.1	56.7	58.2
36.24	26.1	61.8	39.6	61.1	67.3	64.1	63.3	63.2	61.8	63.2	59.9	61.8	59.2	59.8	61.3
39.77	27.7	63.2	42.6	64	70.5	67.2	66.4	66.2	64.9	66.4	63	65	62.3	63	64.5
43.66	29.5	64.5	45.5	66.9	73.6	70.2	69.5	69.3	68	69.6	66.1	68.1	65.4	66.2	67.6
47.93	31.6	65.8	48.6	69.8	76.7	73.3	72.5	72.3	71	72.8	69.2	71.3	68.6	69.4	70.8
52.63	34.1	67.2	51.7	72.8	79.7	76.3	75.7	75.4	74.1	76	72.4	74.6	71.8	72.7	74
57.77	37.2	68.8	54.9	75.9	82.8	79.4	78.8	78.4	77.2	79.2	75.6	77.8	75.2	76	77.2
63.41	41	70.5	58.3	79	85.8	82.5	81.9	81.5	80.4	82.4	78.8	81.1	78.4	79.3	80.4
69.62	45.8	72.4	61.6	81.9	88.6	85.3	84.8	84.3	83.4	85.3	81.8	84	81.5	82.3	83.4
76.43	51.6	74.2	64.9	84.5	90.9	87.7	87.2	86.8	86	87.9	84.4	86.6	84.2	84.9	85.9
83.9	58.1	75.9	67.9	86.6	92.8	89.5	89.2	88.7	88.1	89.8	86.5	88.6	86.4	87	87.9
92.09	65.2	77.3	70.7	88.2	94.1	90.8	90.7	90.2	89.7	91.2	88.1	90.1	88	88.6	89.4
101.1	72.4	78.6	73.2	89.6	95.1	91.8	91.8	91.3	90.9	92.3	89.4	91.2	89.3	89.9	90.5
111	79.3	79.8	75.6	90.7	95.9	92.6	92.8	92.2	91.9	93.1	90.4	92.1	90.4	90.9	91.6
121.8	85.4	81.1	77.9	91.8	96.7	93.4	93.7	93.2	92.9	93.9	91.5	93	91.4	92	92.6

NGU Norges geologiske undersøkelse
7491 TRONDHEIM
Tlf.: 73 90 40 00
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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**296**	**297**	**298**	**299**	**300**	**301**	**302**	**303**	**304**	**305**	**306**	**307**	**308**	**309**	**310**
NGU prøvenr.	**81209**			**81515**	**81516**	**81517**	**81518**	**81519**	**81520**	**81521**	**81522**	**81523**	**81524**	**81525**	**81526**
Prøve nr. → Diameter(µm) ↓	R911MC022KA 0-1cm	Standard Hynne	MINN standard	R949MC028KA 0-1cm	R949MC028KA1-2cm	R949MC028KA 2-3cm	R949MC028KA 3-4cm	R949MC028KA 4-5cm	R949MC028KA 5-6cm	R949MC028KA 6-7cm	R949MC028KA 7-8cm	R949MC028KA 8-9cm	R949MC028KA 9-10cm	R949MC028KA 10-11cm	R949MC028KA 11-12cm
133.7	90.5	82.5	80.1	92.9	97.5	94.3	94.7	94.3	94	94.8	92.6	93.9	92.5	93.2	93.7
146.8	94.2	84	82.2	94	98.4	95.2	95.6	95.4	95	95.6	93.6	94.8	93.6	94.4	94.8
161.2	96.8	85.5	84.3	95	99.1	96	96.5	96.4	96	96.4	94.6	95.6	94.6	95.5	95.8
176.8	98.4	86.8	86.1	95.7	99.6	96.5	97.1	97.2	96.7	96.9	95.3	96.3	95.4	96.4	96.6
194.2	99.3	88	87.7	96.3	99.9	96.9	97.6	97.7	97.1	97.3	95.8	96.7	96.1	97.1	97.2
213.2	99.7	88.9	89	96.7	100	97.1	97.8	98	97.4	97.5	96.2	97.1	96.5	97.6	97.6
234.1	99.9	89.6	90.1	96.9	100	97.2	98	98.1	97.5	97.6	96.5	97.5	96.9	97.9	97.8
256.8	100	90.3	91.1	97.1	100	97.4	98.2	98.2	97.5	97.7	96.8	97.8	97.2	98.1	98
282.1	100	90.9	91.9	97.3	100	97.6	98.3	98.3	97.6	97.8	97	98.2	97.5	98.3	98.2
309.6	100	91.5	92.7	97.5	100	97.8	98.4	98.4	97.7	98	97.3	98.4	97.7	98.5	98.3
339.8	100	92.1	93.4	97.8	100	98	98.5	98.6	97.9	98.2	97.6	98.7	98	98.6	98.5
373.1	100	92.8	94.2	98	100	98.2	98.6	98.7	98.1	98.4	97.8	98.8	98.3	98.8	98.6
409.6	100	93.5	94.8	98.3	100	98.4	98.7	98.9	98.4	98.7	98	99	98.6	98.9	98.9
449.7	100	94.2	95.5	98.6	100	98.5	99	99.1	98.7	99	98.2	99.2	98.9	99.1	99.1
493.6	100	94.9	96.2	98.9	100	98.5	99.2	99.4	99.1	99.3	98.5	99.4	99.3	99.4	99.4
541.9	100	95.7	96.8	99.2	100	98.6	99.5	99.6	99.5	99.6	98.7	99.6	99.6	99.6	99.7
594.9	100	96.5	97.3	99.5	100	98.6	99.8	99.8	99.7	99.9	98.9	99.8	99.8	99.8	99.9
653	100	97.3	97.8	99.6	100	98.7	99.9	99.9	99.9	100	99.1	100	99.9	99.9	100
716.9	100	98.2	98.2	99.8	100	98.9	100	100	100	100	99.4	100	100	100	100
786.9	100	99	98.5	99.9	100	99.2	100	100	100	100	99.6	100	100	100	100
863.9	100	99.6	98.8	99.9	100	99.6	100	100	100	100	99.8	100	100	100	100
948.2	100	99.9	99.1	100	100	99.9	100	100	100	100	100	100	100	100	100
1041	100	100	99.4	100	100	100	100	100	100	100	100	100	100	100	100
1143	100	100	99.6	100	100	100	100	100	100	100	100	100	100	100	100
1255	100	100	99.9	100	100	100	100	100	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**311**	**312**	**313**	**314**	**315**	**316**	**317**	**318**	**319**	**320**	**321**	**322**	**323**	**324**	**325**
NGU prøvenr.	**81527**	**81528**	**81529**	**81531**	**81533**	**81536**	**81537**	**81539**	**81542**	**81543**	**81545**	**81547**	**81549**		
Prøve nr. → Diameter(µm) ↓	R949MC028KA 12-13cm	R949MC028KA 13-14cm	R949MC028KA 14-15cm	R949MC028KA 16-17cm	R949MC028KA 18-19cm	R949MC028KA 20-21cm	R949MC028KA 22-23cm	R949MC028KA 24-25cm	R949MC028KA 26-27cm	R949MC028KA 28-29cm	R949MC028KA 30-31cm	R949MC028KA 32-33cm	R949MC028KA 34-35cm	Standard Hynne	MINN standard
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.017
0.452	0	0	4.64E-07	0	0	0	0	0	0	0	0	0	0	0	0.048
0.496	0.00032	0.00041	0.00048	0.00038	0.00035	0.00033	0.00031	0.00029	0.000001	0.000063	0.000064	0	0	0	0.094
0.545	0.0042	0.0052	0.0056	0.0047	0.0045	0.0043	0.0041	0.004	0.00058	0.0015	0.0015	0.0004	0.00042	0	0.16
0.598	0.025	0.03	0.03	0.027	0.026	0.025	0.025	0.024	0.0073	0.012	0.012	0.0057	0.0058	0.00026	0.24
0.657	0.079	0.092	0.092	0.083	0.081	0.081	0.079	0.077	0.041	0.049	0.05	0.034	0.034	0.0041	0.34
0.721	0.18	0.21	0.21	0.19	0.19	0.19	0.19	0.18	0.13	0.14	0.14	0.11	0.11	0.026	0.45
0.791	0.35	0.39	0.38	0.35	0.35	0.36	0.36	0.35	0.3	0.29	0.3	0.27	0.26	0.093	0.57
0.869	0.59	0.66	0.64	0.58	0.59	0.61	0.61	0.61	0.58	0.54	0.55	0.51	0.5	0.23	0.71
0.953	0.93	1.02	0.99	0.91	0.92	0.96	0.97	0.96	0.97	0.89	0.92	0.88	0.85	0.47	0.85
1.047	1.37	1.5	1.45	1.33	1.36	1.42	1.43	1.43	1.52	1.37	1.42	1.38	1.33	0.82	1.01
1.149	1.93	2.1	2.03	1.86	1.91	2	2.03	2.02	2.23	2	2.06	2.03	1.96	1.3	1.17
1.261	2.61	2.82	2.72	2.5	2.57	2.71	2.74	2.74	3.11	2.77	2.85	2.85	2.74	1.92	1.34
1.385	3.4	3.66	3.52	3.24	3.34	3.53	3.59	3.58	4.16	3.68	3.8	3.82	3.66	2.7	1.52
1.52	4.3	4.61	4.43	4.08	4.21	4.46	4.54	4.53	5.35	4.72	4.87	4.92	4.71	3.6	1.7
1.669	5.28	5.64	5.42	4.99	5.16	5.48	5.58	5.57	6.66	5.87	6.05	6.15	5.87	4.63	1.9
1.832	6.32	6.74	6.47	5.97	6.17	6.56	6.69	6.68	8.06	7.1	7.31	7.45	7.12	5.76	2.1
2.01	7.4	7.88	7.57	6.99	7.23	7.69	7.85	7.84	9.52	8.38	8.63	8.82	8.42	6.96	2.32
2.207	8.52	9.05	8.69	8.03	8.31	8.85	9.03	9.02	11	9.69	9.99	10.2	9.75	8.21	2.55
2.423	9.65	10.2	9.83	9.1	9.4	10	10.2	10.2	12.5	11	11.4	11.6	11.1	9.52	2.8
2.66	10.8	11.4	11	10.2	10.5	11.2	11.5	11.4	14	12.4	12.7	13.1	12.5	10.9	3.08
2.92	12	12.7	12.2	11.3	11.6	12.4	12.7	12.7	15.6	13.7	14.1	14.5	13.8	12.3	3.38
3.206	13.2	13.9	13.4	12.4	12.8	13.7	14	13.9	17.1	15.1	15.6	16	15.3	13.7	3.72
3.519	14.4	15.2	14.6	13.6	14	15	15.3	15.2	18.7	16.5	17	17.5	16.7	15.3	4.09
3.862	15.7	16.6	15.9	14.8	15.2	16.3	16.6	16.6	20.3	18	18.5	19.1	18.2	16.9	4.51
4.241	17.1	18	17.3	16	16.5	17.6	18	17.9	22	19.4	20	20.6	19.8	18.6	4.97
4.656	18.4	19.4	18.7	17.3	17.8	19	19.4	19.4	23.7	21	21.6	22.3	21.3	20.4	5.49
5.111	19.9	20.9	20.1	18.6	19.2	20.5	20.9	20.8	25.5	22.5	23.2	24	23	22.2	6.07
5.611	21.4	22.5	21.6	20	20.6	22	22.4	22.3	27.3	24.1	24.9	25.7	24.7	24.1	6.71
6.158	22.9	24	23.2	21.4	22.1	23.5	24	23.9	29.1	25.8	26.6	27.5	26.4	26.1	7.41
6.761	24.4	25.6	24.7	22.8	23.5	25.1	25.6	25.5	30.9	27.4	28.3	29.3	28.1	28.1	8.19
7.421	25.9	27.2	26.3	24.2	25	26.6	27.2	27	32.7	29.1	30	31	29.8	30.1	9.03
8.147	27.5	28.8	27.9	25.7	26.5	28.2	28.8	28.6	34.6	30.7	31.6	32.8	31.5	32.1	9.96
8.944	29	30.4	29.5	27.1	27.9	29.8	30.4	30.2	36.4	32.4	33.3	34.6	33.3	34.1	11
9.819	30.5	32	31	28.6	29.4	31.4	32	31.8	38.2	34.1	35	36.4	35	36.1	12
10.78	32	33.6	32.6	30	30.9	33	33.7	33.4	40.1	35.7	36.8	38.2	36.8	38.1	13.2
11.83	33.5	35.2	34.3	31.5	32.4	34.6	35.4	35.1	41.9	37.4	38.5	40	38.6	40	14.5
12.99	35.1	36.9	35.9	33.1	34	36.3	37.1	36.8	43.8	39.2	40.3	41.9	40.4	41.8	15.8
14.26	36.8	38.7	37.7	34.7	35.7	38.2	39	38.7	45.9	41	42.1	43.9	42.3	43.7	17.3
15.65	38.6	40.6	39.7	36.5	37.5	40.1	41	40.7	48	43	44.2	46	44.4	45.6	18.9
17.18	40.5	42.7	41.8	38.4	39.5	42.3	43.2	42.8	50.4	45.2	46.4	48.3	46.7	47.6	20.6
18.86	42.7	45	44.1	40.6	41.6	44.6	45.6	45.2	52.8	47.5	48.7	50.8	49	49.6	22.5
20.7	45	47.5	46.6	42.9	43.9	47.2	48.2	47.7	55.4	49.9	51.2	53.4	51.6	51.6	24.5
22.73	47.5	50.2	49.3	45.4	46.4	49.8	50.9	50.3	58.1	52.4	53.8	56.1	54.2	53.6	26.7
24.95	50.2	53	52.1	48	49.1	52.7	53.8	53.1	60.9	55.1	56.5	58.9	56.9	55.5	29.1
27.38	53.1	56	55.1	50.9	51.9	55.7	56.8	56.1	63.8	57.9	59.3	61.8	59.7	57.3	31.7
30.07	56.1	59.1	58.3	53.9	54.9	58.9	60	59.2	66.8	60.7	62.2	64.8	62.7	59.1	34.4
33	59.3	62.4	61.5	57.1	58.1	62.1	63.2	62.4	69.7	63.7	65.2	67.8	65.6	60.8	37.2
36.24	62.5	65.7	64.8	60.3	61.3	65.4	66.5	65.5	72.6	66.5	68.1	70.8	68.5	62.4	40.1
39.77	65.8	69	68	63.5	64.5	68.7	69.7	68.6	75.2	69.3	70.9	73.6	71.3	63.8	43
43.66	69	72.2	71.1	66.8	67.6	71.9	72.7	71.6	77.7	72	73.6	76.2	74	65.1	46
47.93	72.3	75.5	74.3	70	70.7	75.1	75.8	74.6	80.1	74.7	76.3	78.8	76.6	66.4	49.1
52.63	75.6	78.7	77.5	73.4	73.9	78.4	78.8	77.6	82.4	77.4	79	81.3	79.1	67.8	52.2
57.77	78.8	81.9	80.7	76.7	77.2	81.7	81.9	80.6	84.7	80.1	81.7	83.8	81.8	69.3	55.5
63.41	82.1	85.1	83.8	80.1	80.4	84.9	84.8	83.6	87.1	82.9	84.4	86.3	84.4	71.1	58.9
69.62	85	87.9	86.8	83.2	83.5	88	87.6	86.3	89.2	85.6	87	88.7	86.9	73	62.2
76.43	87.6	90.4	89.2	85.9	86.1	90.6	89.8	88.6	91	87.9	89.1	90.7	89.1	74.8	65.5
83.9	89.8	92.2	91.1	88	88.1	92.6	91.6	90.4	92.4	89.6	90.8	92.2	90.8	76.5	68.6
92.09	91.4	93.4	92.4	89.6	89.7	94	92.8	91.6	93.2	90.9	92	93.2	92.1	77.9	71.3
101.1	92.6	94.3	93.2	90.9	90.8	95	93.6	92.4	93.9	91.9	92.8	94	93	79.2	73.9
111	93.6	94.9	94	91.9	91.8	95.9	94.3	93.1	94.4	92.7	93.6	94.6	93.8	80.5	76.2
121.8	94.5	95.5	94.7	93	92.8	96.7	95	93.8	95	93.5	94.3	95.2	94.5	81.8	78.5

NGU Norges geologiske undersøkelse
7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**311**	**312**	**313**	**314**	**315**	**316**	**317**	**318**	**319**	**320**	**321**	**322**	**323**	**324**	**325**
NGU prøvenr.	**81527**	**81528**	**81529**	**81531**	**81533**	**81536**	**81537**	**81539**	**81542**	**81543**	**81545**	**81547**	**81549**		
Prøve nr. → Diameter(µm) ↓	R949MC028KA 12-13cm	R949MC028KA 13-14cm	R949MC028KA 14-15cm	R949MC028KA 16-17cm	R949MC028KA 18-19cm	R949MC028KA 20-21cm	R949MC028KA 22-23cm	R949MC028KA 24-25cm	R949MC028KA 26-27cm	R949MC028KA 28-29cm	R949MC028KA 30-31cm	R949MC028KA 32-33cm	R949MC028KA 34-35cm	Standard Hynne	MINN standard
133.7	95.4	96.1	95.5	94.1	93.8	97.5	95.9	94.6	95.6	94.4	95.1	96	95.3	83.3	80.7
146.8	96.2	96.8	96.4	95.2	94.9	98.4	96.7	95.4	96.4	95.2	96	96.8	96.2	84.8	82.8
161.2	96.9	97.4	97.2	96.2	95.8	99.1	97.5	96.2	97.1	96	96.8	97.6	97	86.3	84.9
176.8	97.3	97.8	97.8	97	96.6	99.7	98.1	96.8	97.7	96.6	97.4	98.2	97.6	87.7	86.7
194.2	97.7	98	98.1	97.6	97	99.9	98.5	97.2	98	96.9	97.8	98.5	98	88.9	88.2
213.2	97.9	98.1	98.3	97.9	97.3	100	98.6	97.5	98.2	97.1	98	98.6	98.1	89.8	89.5
234.1	98	98.2	98.5	98	97.5	100	98.7	97.6	98.4	97.2	98.1	98.7	98.2	90.6	90.6
256.8	98.1	98.3	98.5	98.1	97.6	100	98.7	97.6	98.5	97.3	98.2	98.7	98.2	91.2	91.5
282.1	98.3	98.4	98.6	98.1	97.8	100	98.8	97.7	98.6	97.4	98.3	98.8	98.3	91.8	92.3
309.6	98.4	98.6	98.7	98.2	97.9	100	98.8	97.8	98.7	97.6	98.3	98.9	98.4	92.4	93.1
339.8	98.5	98.7	98.8	98.3	98.1	100	98.8	97.9	98.8	97.7	98.4	99	98.5	93	93.8
373.1	98.7	98.8	99	98.5	98.3	100	98.9	98.1	98.9	97.8	98.5	99.1	98.6	93.7	94.4
409.6	98.8	99	99.1	98.8	98.5	100	99.1	98.3	99	98.1	98.7	99.3	98.7	94.5	95.1
449.7	99.1	99.1	99.3	99.1	98.7	100	99.3	98.6	99.1	98.4	98.9	99.5	98.9	95.3	95.7
493.6	99.3	99.4	99.5	99.5	99	100	99.5	99	99.3	98.7	99.2	99.6	99.2	96	96.3
541.9	99.6	99.6	99.7	99.7	99.2	100	99.7	99.3	99.6	99.1	99.5	99.8	99.4	96.8	96.9
594.9	99.8	99.8	99.9	99.9	99.4	100	99.9	99.6	99.8	99.5	99.8	99.9	99.6	97.5	97.4
653	99.9	99.9	100	100	99.6	100	100	99.8	99.9	99.8	99.9	100	99.8	98.2	97.9
716.9	100	100	100	100	99.7	100	100	100	100	99.9	100	100	99.9	98.8	98.3
786.9	100	100	100	100	99.8	100	100	100	100	100	100	100	100	99.3	98.6
863.9	100	100	100	100	99.9	100	100	100	100	100	100	100	100	99.7	98.9
948.2	100	100	100	100	100	100	100	100	100	100	100	100	100	99.9	99.1
1041	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.4
1143	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.7
1255	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.9
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

7491 TRONDHEIM
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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**326**	**327**	**328**	**329**	**330**	**331**	**332**	**333**	**334**	**335**	**336**	**337**	**338**	**339**	**340**
NGU prøvenr.	**81273**	**81274**	**81275**	**81276**	**81277**	**81278**	**81279**	**81280**	**81281**	**81282**	**81283**	**81284**	**81285**	**81286**	**81287**
Prøve nr. → Diameter(µm) ↓	R961MC024KA_0-1cm	R961MC024KA_1-2cm	R961MC024KA_2-3cm	R961MC024KA_3-4cm	R961MC024KA_4-5cm	R961MC024KA_5-6cm	R961MC024KA_6-7cm	R961MC024KA_7-8cm	R961MC024KA_8-9cm	R961MC024KA_9-10cm	R961MC024KA_10-11cm	R961MC024KA_11-12cm	R961MC024KA_12-13cm	R961MC024KA_13-14cm	R961MC024KA_14-15cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.452	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.496	0.00022	0.00022	0	0.00027	0.00022	0.00027	0.00029	0.0003	0.00027	0.00025	0.00029	0.00029	0.00028	0.00033	0.00033
0.545	0.0031	0.0031	0.00029	0.0037	0.0032	0.0037	0.0038	0.004	0.0037	0.0035	0.0038	0.0038	0.0037	0.0042	0.0043
0.598	0.019	0.019	0.0043	0.022	0.019	0.022	0.022	0.023	0.022	0.021	0.022	0.022	0.022	0.024	0.024
0.657	0.065	0.065	0.026	0.072	0.065	0.071	0.072	0.075	0.07	0.068	0.072	0.071	0.07	0.076	0.076
0.721	0.16	0.16	0.089	0.17	0.16	0.17	0.17	0.18	0.16	0.16	0.17	0.17	0.17	0.18	0.17
0.791	0.31	0.31	0.21	0.33	0.31	0.32	0.32	0.33	0.31	0.31	0.32	0.32	0.32	0.33	0.33
0.869	0.54	0.54	0.42	0.57	0.53	0.55	0.55	0.57	0.54	0.54	0.55	0.54	0.54	0.56	0.55
0.953	0.87	0.87	0.72	0.91	0.85	0.87	0.87	0.9	0.85	0.85	0.86	0.85	0.85	0.87	0.86
1.047	1.3	1.3	1.14	1.35	1.27	1.3	1.28	1.33	1.25	1.27	1.27	1.26	1.25	1.28	1.26
1.149	1.85	1.85	1.7	1.92	1.81	1.84	1.81	1.87	1.77	1.8	1.79	1.78	1.77	1.8	1.76
1.261	2.52	2.52	2.38	2.6	2.46	2.49	2.45	2.53	2.4	2.44	2.43	2.4	2.4	2.42	2.37
1.385	3.3	3.3	3.21	3.41	3.22	3.26	3.2	3.3	3.13	3.19	3.17	3.13	3.13	3.15	3.08
1.52	4.19	4.19	4.15	4.31	4.09	4.12	4.04	4.16	3.96	4.04	4	3.96	3.96	3.97	3.88
1.669	5.17	5.16	5.19	5.31	5.04	5.07	4.96	5.11	4.86	4.96	4.91	4.87	4.86	4.87	4.75
1.832	6.21	6.2	6.31	6.36	6.06	6.09	5.95	6.12	5.83	5.95	5.89	5.84	5.83	5.82	5.68
2.01	7.29	7.28	7.48	7.46	7.12	7.14	6.97	7.18	6.83	6.98	6.91	6.85	6.84	6.82	6.63
2.207	8.4	8.38	8.68	8.59	8.2	8.23	8.02	8.26	7.87	8.04	7.95	7.88	7.88	7.85	7.61
2.423	9.53	9.5	9.91	9.73	9.31	9.33	9.09	9.35	8.91	9.11	9.01	8.94	8.94	8.89	8.6
2.66	10.7	10.6	11.1	10.9	10.4	10.4	10.2	10.5	9.98	10.2	10.1	10	10	9.95	9.59
2.92	11.8	11.8	12.4	12.1	11.6	11.6	11.3	11.6	11.1	11.3	11.2	11.1	11.1	11	10.6
3.206	13	13	13.7	13.3	12.7	12.8	12.4	12.8	12.2	12.4	12.3	12.2	12.2	12.1	11.6
3.519	14.2	14.2	15	14.5	13.9	14	13.6	13.9	13.3	13.6	13.5	13.4	13.4	13.3	12.7
3.862	15.5	15.4	16.4	15.8	15.2	15.2	14.8	15.2	14.5	14.8	14.7	14.5	14.6	14.4	13.8
4.241	16.8	16.7	17.8	17.1	16.5	16.5	16	16.5	15.7	16	15.9	15.8	15.8	15.6	14.9
4.656	18.1	18.1	19.2	18.5	17.8	17.8	17.3	17.8	17	17.3	17.2	17	17	16.9	16.1
5.111	19.5	19.4	20.7	19.9	19.2	19.2	18.7	19.1	18.3	18.6	18.5	18.3	18.3	18.1	17.3
5.611	20.9	20.9	22.2	21.4	20.6	20.6	20	20.6	19.7	20	19.9	19.7	19.7	19.5	18.6
6.158	22.4	22.3	23.7	22.9	22	22.1	21.4	22	21	21.4	21.3	21	21	20.8	19.8
6.761	23.9	23.8	25.3	24.4	23.5	23.5	22.9	23.5	22.4	22.8	22.7	22.4	22.4	22.2	21.1
7.421	25.3	25.3	26.8	26	24.9	25	24.3	24.9	23.8	24.2	24.1	23.8	23.8	23.6	22.4
8.147	26.8	26.8	28.3	27.5	26.4	26.5	25.7	26.4	25.2	25.6	25.6	25.3	25.2	25	23.7
8.944	28.3	28.2	29.8	29	27.9	28	27.2	27.9	26.6	27.1	27	26.7	26.6	26.4	25
9.819	29.8	29.7	31.2	30.5	29.3	29.5	28.6	29.4	28.1	28.5	28.5	28.1	28.1	27.8	26.3
10.78	31.3	31.2	32.6	32.1	30.8	31	30.1	30.9	29.5	29.9	29.9	29.6	29.5	29.2	27.7
11.83	32.8	32.6	34.1	33.6	32.3	32.5	31.5	32.4	30.9	31.3	31.4	31	31	30.7	29
12.99	34.3	34.1	35.5	35.2	33.8	34.1	33.1	33.9	32.4	32.7	32.9	32.5	32.5	32.2	30.4
14.26	36	35.7	37	36.8	35.5	35.7	34.7	35.6	34	34.3	34.5	34.2	34.1	33.9	31.9
15.65	37.8	37.5	38.7	38.7	37.3	37.5	36.4	37.4	35.7	36	36.3	35.9	35.9	35.6	33.5
17.18	39.7	39.4	40.6	40.6	39.2	39.5	38.3	39.3	37.6	37.8	38.2	37.9	37.8	37.6	35.3
18.86	41.9	41.4	42.6	42.8	41.3	41.7	40.4	41.5	39.6	39.9	40.3	40	39.9	39.7	37.3
20.7	44.2	43.6	44.8	45.1	43.7	44	42.7	43.8	41.9	42.1	42.6	42.3	42.2	42	39.4
22.73	46.7	46	47.2	47.6	46.2	46.6	45.1	46.3	44.3	44.5	45	44.8	44.7	44.5	41.7
24.95	49.4	48.6	49.7	50.3	48.9	49.3	47.7	49	46.9	47	47.7	47.5	47.4	47.2	44.3
27.38	52.3	51.3	52.4	53.1	51.7	52.2	50.6	51.8	49.7	49.7	50.5	50.3	50.2	50.1	47
30.07	55.3	54.2	55.3	56	54.8	55.3	53.5	54.8	52.6	52.6	53.5	53.4	53.3	53.1	49.8
33	58.4	57.2	58.3	59.1	57.9	58.4	56.6	57.9	55.7	55.7	56.6	56.6	56.5	56.3	52.8
36.24	61.6	60.3	61.3	62.2	61.2	61.7	59.8	61.1	58.9	58.8	59.8	59.8	59.8	59.5	55.9
39.77	64.7	63.4	64.4	65.3	64.4	64.9	63	64.2	62	61.9	63	63.1	63.1	62.8	59
43.66	67.9	66.4	67.4	68.3	67.5	68	66.2	67.4	65.2	65.1	66.1	66.4	66.4	66	62.1
47.93	71.1	69.5	70.5	71.4	70.8	71.2	69.4	70.5	68.4	68.3	69.3	69.7	69.7	69.3	65.3
52.63	74.4	72.7	73.8	74.5	74	74.5	72.7	73.7	71.7	71.5	72.6	73	73.1	72.6	68.6
57.77	77.7	75.9	77.1	77.6	77.4	77.8	76.1	76.9	75.1	74.9	76	76.5	76.6	76	72.1
63.41	81.1	79.3	80.5	80.8	80.8	81.1	79.5	80.2	78.6	78.3	79.4	80	80.1	79.5	75.6
69.62	84.3	82.5	83.7	83.8	84	84.3	82.7	83.3	81.9	81.5	82.6	83.3	83.4	82.8	79
76.43	87.2	85.4	86.6	86.5	87	87	85.7	86.2	85	84.4	85.6	86.3	86.4	85.7	82
83.9	89.6	88	89	88.7	89.4	89.4	88.1	88.5	87.6	86.9	88	88.8	88.9	88.3	84.6
92.09	91.5	90	91	90.5	91.4	91.2	90.2	90.4	89.8	89	90.1	90.9	90.9	90.3	86.7
101.1	93	91.7	92.5	91.9	93.1	92.7	91.8	91.9	91.6	90.7	91.7	92.5	92.5	91.9	88.4
111	94.3	93.2	93.9	93.3	94.6	94	93.3	93.2	93.2	92.2	93.2	93.9	93.9	93.4	90
121.8	95.5	94.6	95.1	94.6	95.9	95.2	94.7	94.5	94.8	93.7	94.5	95.2	95.2	94.7	91.4

NGU Norges geologiske undersøkelse
7491 TRONDHEIM
Tlf.: 73 90 40 00
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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**326**	**327**	**328**	**329**	**330**	**331**	**332**	**333**	**334**	**335**	**336**	**337**	**338**	**339**	**340**
NGU prøvenr.	**81273**	**81274**	**81275**	**81276**	**81277**	**81278**	**81279**	**81280**	**81281**	**81282**	**81283**	**81284**	**81285**	**81286**	**81287**
Prøve nr. → Diameter(µm) ↓	R961MC024KA_0-1cm	R961MC024KA_1-2cm	R961MC024KA_2-3cm	R961MC024KA_3-4cm	R961MC024KA_4-5cm	R961MC024KA_5-6cm	R961MC024KA_6-7cm	R961MC024KA_7-8cm	R961MC024KA_8-9cm	R961MC024KA_9-10cm	R961MC024KA_10-11cm	R961MC024KA_11-12cm	R961MC024KA_12-13cm	R961MC024KA_13-14cm	R961MC024KA_14-15cm
133.7	96.7	96	96.3	95.9	97.2	96.5	96.2	95.9	96.2	95.3	95.9	96.6	96.5	96	92.9
146.8	97.8	97.3	97.5	97.3	98.4	97.7	97.5	97.2	97.6	96.8	97.3	97.8	97.7	97.3	94.2
161.2	98.8	98.4	98.5	98.5	99.3	98.8	98.6	98.4	98.7	98.1	98.4	98.8	98.7	98.4	95.4
176.8	99.5	99.2	99.3	99.3	99.8	99.5	99.4	99.2	99.4	99	99.2	99.5	99.5	99.2	96.3
194.2	99.9	99.7	99.7	99.8	100	99.8	99.8	99.7	99.8	99.6	99.7	99.9	99.8	99.7	96.8
213.2	100	99.9	99.9	100	100	100	100	99.9	100	99.9	99.9	100	100	99.9	97.2
234.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	97.5
256.8	100	100	100	100	100	100	100	100	100	100	100	100	100	100	97.7
282.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	98
309.6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	98.2
339.8	100	100	100	100	100	100	100	100	100	100	100	100	100	100	98.5
373.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	98.6
409.6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	98.8
449.7	100	100	100	100	100	100	100	100	100	100	100	100	100	100	98.9
493.6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99
541.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.1
594.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.3
653	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.5
716.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.7
786.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.8
863.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.9
948.2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1041	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1143	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1255	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**341**	**342**	**343**	**344**	**345**	**346**	**347**	**348**	**349**	**350**	**351**	**352**	**353**	**354**	**355**
NGU prøvenr.	**81289**	**81291**	**81293**	**81295**	**81297**	**81299**	**81301**	**81303**	**81305**	**81307**	**81309**	**81311**	**80851**		
Prøve nr. → Diameter(µm) ↓	R961MC024KA_16-17cm	R961MC024KA_18-19cm	R961MC024KA_20-21cm	R961MC024KA_22-23cm	R961MC024KA_24-25cm	R961MC024KA_26-27cm	R961MC024KA_28-29cm	R961MC024KA_30-31cm	R961MC024KA_32-33cm	R961MC024KA_34-35cm	R961MC024KA_36-37cm	R961MC024KA_38-39cm	R1257GR681 0-1cm	Standard Hynne	MINN standard
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0.0012	0	0	0	0	0	0	0	0	0	0	0	0.016
0.452	0	0	0.0027	0	0	0	0	0	0	0	0	0	0	0	0.046
0.496	0.00029	0.00031	0.0065	0.00036	0.00027	0.00023	0.00023	0.00022	0.00021	0.00015	0.00013	0.00017	0	0	0.089
0.545	0.0038	0.004	0.018	0.0046	0.0037	0.0034	0.0034	0.0033	0.0032	0.0026	0.0023	0.0028	0	0	0.15
0.598	0.022	0.023	0.048	0.026	0.022	0.021	0.021	0.02	0.02	0.017	0.016	0.018	0.00026	0.0001	0.23
0.657	0.072	0.073	0.11	0.082	0.071	0.073	0.073	0.07	0.07	0.063	0.061	0.066	0.004	0.0022	0.32
0.721	0.17	0.17	0.21	0.19	0.17	0.18	0.18	0.17	0.18	0.16	0.16	0.17	0.026	0.017	0.43
0.791	0.32	0.32	0.37	0.35	0.33	0.35	0.35	0.34	0.35	0.33	0.33	0.35	0.09	0.068	0.55
0.869	0.54	0.54	0.59	0.59	0.56	0.61	0.61	0.59	0.62	0.59	0.59	0.61	0.22	0.19	0.68
0.953	0.86	0.84	0.9	0.91	0.89	0.99	0.98	0.94	1	0.96	0.97	1	0.44	0.4	0.82
1.047	1.27	1.25	1.3	1.34	1.32	1.48	1.48	1.42	1.5	1.46	1.48	1.52	0.77	0.72	0.97
1.149	1.79	1.75	1.79	1.88	1.87	2.11	2.11	2.03	2.15	2.1	2.14	2.18	1.22	1.18	1.12
1.261	2.42	2.37	2.39	2.53	2.54	2.89	2.89	2.77	2.95	2.89	2.95	2.99	1.79	1.78	1.29
1.385	3.16	3.09	3.08	3.28	3.32	3.8	3.8	3.64	3.88	3.83	3.91	3.96	2.49	2.53	1.47
1.52	3.99	3.9	3.86	4.13	4.2	4.83	4.83	4.63	4.94	4.89	5	5.05	3.3	3.41	1.65
1.669	4.91	4.78	4.71	5.07	5.17	5.97	5.96	5.72	6.11	6.05	6.21	6.26	4.2	4.41	1.84
1.832	5.89	5.73	5.61	6.06	6.21	7.18	7.17	6.89	7.36	7.3	7.49	7.55	5.17	5.51	2.05
2.01	6.91	6.72	6.56	7.1	7.29	8.44	8.44	8.11	8.67	8.6	8.84	8.89	6.18	6.69	2.27
2.207	7.96	7.74	7.53	8.16	8.39	9.74	9.74	9.36	10	9.94	10.2	10.3	7.21	7.92	2.51
2.423	9.02	8.77	8.51	9.25	9.51	11.1	11.1	10.6	11.4	11.3	11.6	11.7	8.27	9.2	2.76
2.66	10.1	9.82	9.51	10.3	10.6	12.4	12.4	11.9	12.7	12.7	13	13.1	9.34	10.5	3.04
2.92	11.2	10.9	10.5	11.5	11.8	13.7	13.7	13.2	14.1	14	14.5	14.6	10.4	11.9	3.35
3.206	12.3	12	11.6	12.6	13	15.1	15.1	14.6	15.5	15.5	15.9	16	11.6	13.4	3.69
3.519	13.5	13.1	12.6	13.8	14.2	16.5	16.5	15.9	17	16.9	17.4	17.6	12.8	14.9	4.07
3.862	14.7	14.2	13.7	15	15.4	18	18	17.3	18.5	18.4	19	19.1	14.2	16.5	4.5
4.241	15.9	15.4	14.9	16.2	16.7	19.4	19.4	18.8	20	19.9	20.6	20.8	15.6	18.1	4.97
4.656	17.1	16.6	16	17.5	18	21	21	20.3	21.6	21.5	22.2	22.4	17	19.9	5.5
5.111	18.4	17.9	17.3	18.8	19.3	22.5	22.5	21.8	23.2	23.2	23.9	24.2	18.6	21.7	6.08
5.611	19.8	19.1	18.5	20.1	20.7	24.2	24.1	23.4	24.9	24.9	25.7	26	20.2	23.6	6.72
6.158	21.1	20.4	19.8	21.5	22.1	25.8	25.8	25.1	26.6	26.6	27.5	27.8	21.8	25.5	7.44
6.761	22.5	21.7	21.1	22.9	23.6	27.5	27.5	26.7	28.4	28.4	29.3	29.7	23.5	27.5	8.22
7.421	23.8	23.1	22.4	24.3	25	29.2	29.2	28.4	30.1	30.2	31.2	31.6	25.1	29.5	9.07
8.147	25.2	24.4	23.7	25.8	26.5	30.9	30.9	30.1	32	32.1	33	33.6	26.6	31.5	10
8.944	26.6	25.7	25.1	27.2	28	32.7	32.7	31.9	33.8	33.9	35	35.6	28	33.5	11
9.819	28	27.1	26.5	28.7	29.5	34.4	34.5	33.6	35.8	35.9	36.9	37.7	29.3	35.5	12.1
10.78	29.3	28.4	27.9	30.2	31	36.3	36.4	35.5	37.7	37.8	38.9	39.8	30.5	37.4	13.3
11.83	30.8	29.8	29.3	31.7	32.6	38.2	38.3	37.3	39.8	39.9	41	41.9	31.5	39.3	14.6
12.99	32.2	31.2	30.8	33.3	34.3	40.1	40.3	39.3	41.9	42	43.1	44.1	32.4	41.2	15.9
14.26	33.8	32.8	32.4	35.1	36.1	42.3	42.5	41.4	44.2	44.2	45.4	46.5	33.2	43	17.4
15.65	35.4	34.4	34.2	36.9	38.1	44.6	44.9	43.7	46.7	46.6	47.9	49	34.2	45	19
17.18	37.3	36.3	36.2	39	40.2	47.1	47.4	46.2	49.3	49.3	50.5	51.8	35.2	46.9	20.8
18.86	39.3	38.3	38.3	41.2	42.5	49.7	50.2	48.9	52.2	52	53.3	54.6	36.3	48.9	22.7
20.7	41.5	40.5	40.6	43.7	45	52.6	53.1	51.7	55.2	54.9	56.2	57.6	37.5	50.9	24.7
22.73	43.8	42.8	43.1	46.3	47.7	55.6	56.1	54.7	58.3	57.9	59.3	60.7	38.7	52.9	27
24.95	46.4	45.4	45.8	49.1	50.5	58.7	59.3	57.8	61.5	61.1	62.4	63.9	39.9	54.8	29.4
27.38	49.1	48.1	48.7	52.1	53.5	61.9	62.6	61.1	64.8	64.3	65.6	67.2	41.2	56.7	32
30.07	52	51.1	51.8	55.3	56.7	65.2	66	64.4	68.2	67.5	68.9	70.4	42.4	58.4	34.7
33	55	54.2	55.1	58.7	60	68.5	69.4	67.8	71.5	70.8	72.2	73.6	43.7	60.1	37.5
36.24	58.2	57.4	58.4	62	63.3	71.7	72.6	71.1	74.7	73.9	75.3	76.7	44.9	61.7	40.5
39.77	61.3	60.6	61.7	65.4	66.6	74.7	75.8	74.2	77.6	76.7	78.2	79.4	46.1	63.1	43.4
43.66	64.6	64	65	68.7	69.8	77.6	78.7	77.1	80.3	79.4	80.8	81.9	47.2	64.5	46.4
47.93	67.8	67.3	68.4	72	72.9	80.3	81.4	80	82.7	81.9	83.2	84.2	48.5	65.8	49.5
52.63	71.2	70.8	71.8	75.4	76.1	82.9	84.1	82.7	85.1	84.3	85.5	86.4	49.9	67.2	52.7
57.77	74.7	74.4	75.3	78.8	79.4	85.5	86.7	85.5	87.4	86.6	87.8	88.5	51.5	68.9	56
63.41	78.3	78	78.8	82.2	82.6	88.1	89.3	88.1	89.6	88.9	90.1	90.6	53.3	70.7	59.4
69.62	81.7	81.5	82.1	85.4	85.6	90.4	91.6	90.6	91.6	91	92.1	92.6	55.3	72.7	62.8
76.43	84.7	84.6	85.1	88.2	88.3	92.3	93.6	92.6	93.3	92.8	93.8	94.2	57.6	74.7	66.1
83.9	87.3	87.3	87.6	90.5	90.5	93.8	95	94.2	94.6	94	95.1	95.4	60	76.5	69.2
92.09	89.4	89.4	89.6	92.3	92.2	94.8	95.9	95.3	95.4	94.9	95.9	96.2	62.6	78.1	72
101.1	91.1	91.1	91.3	93.7	93.5	95.5	96.6	96	95.9	95.4	96.4	96.7	65.5	79.6	74.6
111	92.5	92.7	92.8	94.9	94.7	96.1	97.1	96.7	96.4	95.9	96.9	97.1	68.8	81	77.1
121.8	93.8	94.1	94.2	96	95.8	96.7	97.6	97.4	97	96.5	97.4	97.5	72.7	82.5	79.5

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Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**341**	**342**	**343**	**344**	**345**	**346**	**347**	**348**	**349**	**350**	**351**	**352**	**353**	**354**	**355**
NGU prøvenr.	**81289**	**81291**	**81293**	**81295**	**81297**	**81299**	**81301**	**81303**	**81305**	**81307**	**81309**	**81311**	**80851**		
Prøve nr. → Diameter(µm) ↓	R961MC024KA_16-17cm	R961MC024KA_18-19cm	R961MC024KA_20-21cm	R961MC024KA_22-23cm	R961MC024KA_24-25cm	R961MC024KA_26-27cm	R961MC024KA_28-29cm	R961MC024KA_30-31cm	R961MC024KA_32-33cm	R961MC024KA_34-35cm	R961MC024KA_36-37cm	R961MC024KA_38-39cm	R1257GR681 0-1cm	Standard Hynne	MINN standard
133.7	95.1	95.6	95.7	97.1	96.9	97.5	98.3	98.1	97.8	97.2	98.1	98.1	76.9	84.1	81.9
146.8	96.4	97.1	97.1	98.2	98	98.4	98.9	98.9	98.6	98.1	98.8	98.8	81.3	85.7	84.2
161.2	97.4	98.3	98.3	99.1	98.9	99.2	99.5	99.5	99.3	98.9	99.4	99.4	85.4	87.2	86.4
176.8	98.2	99.2	99.2	99.6	99.5	99.7	99.8	99.8	99.8	99.6	99.8	99.8	89	88.6	88.3
194.2	98.6	99.7	99.7	99.9	99.9	99.9	100	100	100	99.9	100	100	91.9	89.7	90
213.2	98.8	99.9	99.9	100	100	100	100	100	100	100	100	100	94	90.6	91.4
234.1	99	100	100	100	100	100	100	100	100	100	100	100	95.3	91.3	92.5
256.8	99.1	100	100	100	100	100	100	100	100	100	100	100	96.2	91.9	93.4
282.1	99.2	100	100	100	100	100	100	100	100	100	100	100	96.8	92.5	94.2
309.6	99.3	100	100	100	100	100	100	100	100	100	100	100	97.2	93.1	94.8
339.8	99.5	100	100	100	100	100	100	100	100	100	100	100	97.5	93.7	95.3
373.1	99.6	100	100	100	100	100	100	100	100	100	100	100	97.8	94.4	95.8
409.6	99.7	100	100	100	100	100	100	100	100	100	100	100	98.1	95	96.3
449.7	99.8	100	100	100	100	100	100	100	100	100	100	100	98.3	95.7	96.7
493.6	99.9	100	100	100	100	100	100	100	100	100	100	100	98.6	96.4	97.2
541.9	100	100	100	100	100	100	100	100	100	100	100	100	98.9	97	97.6
594.9	100	100	100	100	100	100	100	100	100	100	100	100	99.1	97.5	97.9
653	100	100	100	100	100	100	100	100	100	100	100	100	99.3	98.1	98.2
716.9	100	100	100	100	100	100	100	100	100	100	100	100	99.5	98.7	98.4
786.9	100	100	100	100	100	100	100	100	100	100	100	100	99.7	99.2	98.6
863.9	100	100	100	100	100	100	100	100	100	100	100	100	99.9	99.7	98.8
948.2	100	100	100	100	100	100	100	100	100	100	100	100	100	99.9	99.1
1041	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.3
1143	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.6
1255	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.8
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse
7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**356**	**357**	**358**	**359**	**360**	**361**	**362**	**363**	**364**	**365**	**366**	**367**	**368**	**369**	**370**
NGU prøvenr.	**80859**	**80860**	**80861**	**80862**	**80863**	**80864**	**80865**	**80866**	**80867**	**80868**	**99860**	**80869**	**80870**	**80871**	**80872**
Prøve nr. → Diameter(µm) ↓	R1261MC020KA 0-1cm	R1261MC020KA 1-2cm	R1261MC020KA 2-3cm	R1261MC020KA 3-4cm	R1261MC020KA 4-5cm	R1261MC020KA 5-6cm	R1261MC020KA 6-7cm	R1261MC020KA 7-8cm	R1261MC020KA 8-9cm	R1261MC020KA 9-10cm	R1261MC020KA 10-11cm	R1261MC020KA 11-12cm	R1261MC020KA 12-13cm	R1261MC020KA13-14cm	R1261MC020KA 14-15cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.452	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.496	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.545	0	0.000044	0.00014	0	0.000071	0	0	0	0	0	0	0.00012	0.00038	0	0.000056
0.598	0.00029	0.0018	0.003	0.00022	0.0021	0.00029	0.00061	0.00057	0.00051	0.00063	0.0007	0.0029	0.0058	0.00074	0.002
0.657	0.005	0.016	0.022	0.0041	0.017	0.005	0.0084	0.0082	0.0075	0.0088	0.0097	0.022	0.036	0.01	0.017
0.721	0.034	0.073	0.089	0.029	0.073	0.034	0.05	0.051	0.047	0.053	0.058	0.09	0.13	0.06	0.079
0.791	0.13	0.21	0.24	0.11	0.21	0.12	0.17	0.17	0.16	0.18	0.19	0.25	0.31	0.19	0.23
0.869	0.33	0.47	0.51	0.3	0.45	0.32	0.4	0.42	0.4	0.42	0.45	0.53	0.61	0.46	0.5
0.953	0.68	0.88	0.92	0.62	0.82	0.65	0.76	0.82	0.79	0.81	0.87	0.96	1.05	0.88	0.92
1.047	1.2	1.46	1.51	1.12	1.36	1.14	1.29	1.4	1.36	1.39	1.48	1.58	1.67	1.48	1.53
1.149	1.93	2.25	2.28	1.8	2.07	1.83	2.01	2.2	2.15	2.16	2.29	2.39	2.48	2.29	2.33
1.261	2.88	3.24	3.27	2.69	2.97	2.72	2.92	3.22	3.15	3.15	3.34	3.42	3.49	3.32	3.35
1.385	4.04	4.43	4.44	3.79	4.05	3.81	4.03	4.47	4.38	4.34	4.6	4.66	4.69	4.56	4.58
1.52	5.39	5.81	5.79	5.07	5.3	5.08	5.31	5.91	5.8	5.74	6.06	6.08	6.06	6	5.99
1.669	6.92	7.34	7.29	6.51	6.68	6.5	6.73	7.52	7.39	7.28	7.68	7.66	7.57	7.6	7.56
1.832	8.56	8.96	8.88	8.07	8.15	8.04	8.26	9.25	9.09	8.95	9.41	9.34	9.18	9.31	9.23
2.01	10.3	10.7	10.5	9.71	9.69	9.66	9.86	11.1	10.9	10.7	11.2	11.1	10.9	11.1	11
2.207	12.1	12.4	12.2	11.4	11.3	11.3	11.5	12.9	12.7	12.5	13.1	12.9	12.6	12.9	12.8
2.423	13.9	14.1	13.9	13.1	12.9	13	13.2	14.8	14.6	14.3	15	14.8	14.4	14.8	14.6
2.66	15.7	15.9	15.7	14.9	14.5	14.8	14.9	16.8	16.4	16.2	16.9	16.6	16.2	16.7	16.5
2.92	17.6	17.7	17.5	16.7	16.2	16.6	16.7	18.8	18.4	18.1	18.9	18.6	18.1	18.7	18.5
3.206	19.6	19.6	19.4	18.6	18	18.5	18.6	20.9	20.4	20.2	21	20.7	20.1	20.9	20.6
3.519	21.7	21.7	21.4	20.6	19.9	20.5	20.6	23.1	22.6	22.3	23.3	22.9	22.2	23.1	22.8
3.862	23.9	23.8	23.5	22.8	22	22.6	22.7	25.4	24.9	24.6	25.6	25.2	24.5	25.5	25.2
4.241	26.3	26	25.7	25	24.1	24.8	24.9	27.9	27.3	27	28.1	27.7	27	28	27.7
4.656	28.7	28.4	28.1	27.4	26.4	27.2	27.3	30.5	29.9	29.5	30.8	30.4	29.6	30.7	30.4
5.111	31.3	30.9	30.6	29.8	28.8	29.6	29.7	33.2	32.5	32.1	33.6	33.1	32.3	33.6	33.3
5.611	33.9	33.5	33.2	32.3	31.3	32.2	32.3	36	35.3	34.9	36.5	36	35.2	36.5	36.3
6.158	36.5	36.1	35.8	34.9	33.8	34.7	34.9	38.8	38.1	37.6	39.4	39	38.1	39.5	39.3
6.761	39.1	38.6	38.3	37.4	36.3	37.3	37.5	41.6	40.9	40.4	42.3	41.9	41	42.5	42.3
7.421	41.6	41.1	40.8	39.8	38.7	39.7	40	44.4	43.6	43	45.1	44.7	43.8	45.4	45.3
8.147	44	43.5	43.2	42.1	41	42.1	42.4	47	46.2	45.5	47.7	47.4	46.5	48.2	48.1
8.944	46.2	45.7	45.4	44.3	43.2	44.2	44.6	49.4	48.5	47.9	50.2	50	49	50.8	50.7
9.819	48.2	47.6	47.4	46.2	45.2	46.2	46.7	51.6	50.7	50.1	52.5	52.3	51.3	53.2	53.1
10.78	49.9	49.3	49.1	47.9	46.9	48	48.5	53.5	52.5	52	54.4	54.3	53.4	55.2	55.2
11.83	51.4	50.8	50.6	49.4	48.5	49.5	50.1	55.1	54.1	53.6	56.1	56.1	55.2	56.9	57
12.99	52.7	52.2	52	50.7	49.8	50.8	51.5	56.6	55.6	55.1	57.6	57.6	56.7	58.5	58.6
14.26	54	53.4	53.3	52	51.2	52.1	52.8	58	56.9	56.5	59	59.1	58.2	59.9	60
15.65	55.4	54.8	54.6	53.3	52.6	53.5	54.2	59.5	58.3	57.9	60.4	60.6	59.8	61.3	61.5
17.18	56.8	56.3	56.1	54.8	54.1	55	55.7	61.1	59.8	59.5	62	62.2	61.5	63	63.2
18.86	58.4	58	57.8	56.4	55.8	56.6	57.4	62.8	61.5	61.3	63.8	64.1	63.3	64.8	65
20.7	60.2	59.8	59.5	58.2	57.5	58.4	59.2	64.7	63.3	63.1	65.6	66	65.2	66.7	67
22.73	61.9	61.5	61.3	59.9	59.4	60.2	61	66.6	65	65	67.5	68.1	67.2	68.7	69.1
24.95	63.7	63.3	63.1	61.7	61.2	62	62.8	68.5	66.8	67	69.4	70.1	69.2	70.7	71.2
27.38	65.4	65	64.8	63.5	63.1	63.8	64.6	70.4	68.5	68.9	71.3	72	71.2	72.6	73.2
30.07	67.1	66.7	66.5	65.2	64.9	65.5	66.4	72.2	70.2	70.7	73.1	73.9	73.2	74.5	75.1
33	68.7	68.3	68.2	66.9	66.6	67.2	68.1	73.9	71.8	72.5	74.8	75.7	75	76.3	76.9
36.24	70.3	69.8	69.8	68.5	68.3	68.9	69.7	75.6	73.3	74.3	76.4	77.4	76.8	77.9	78.6
39.77	71.8	71.2	71.4	70	69.9	70.4	71.2	77.1	74.7	75.9	77.9	78.9	78.3	79.4	80.1
43.66	73.2	72.6	72.8	71.5	71.4	71.9	72.6	78.6	75.9	77.4	79.2	80.3	79.7	80.8	81.5
47.93	74.6	74	74.3	73	72.9	73.4	74	80	77.2	78.9	80.5	81.7	81.1	82.2	82.9
52.63	76.1	75.6	75.9	74.7	74.5	75	75.5	81.4	78.5	80.4	81.9	83.1	82.5	83.6	84.3
57.77	77.9	77.3	77.7	76.5	76.3	76.9	77.2	83.1	80	82.1	83.5	84.7	84.1	85.1	85.9
63.41	79.8	79.3	79.6	78.5	78.3	78.9	79.1	84.9	81.8	84	85.2	86.4	85.9	86.8	87.6
69.62	81.9	81.4	81.7	80.7	80.4	81.1	81.2	86.8	83.7	86	87	88.2	87.8	88.5	89.4
76.43	83.9	83.6	83.8	82.8	82.6	83.2	83.3	88.6	85.5	87.9	88.8	89.9	89.6	90.2	91
83.9	85.9	85.6	85.7	84.9	84.6	85.2	85.3	90.3	87.3	89.6	90.3	91.4	91.2	91.7	92.5
92.09	87.6	87.5	87.5	86.8	86.4	87	87.2	91.8	88.7	91	91.6	92.6	92.5	92.9	93.6
101.1	89.2	89.1	89.1	88.5	88.1	88.6	88.9	93.1	90	92.2	92.7	93.6	93.7	93.8	94.6
111	90.7	90.8	90.6	90.3	89.7	90.1	90.5	94.2	91.3	93.3	93.7	94.5	94.8	94.7	95.5
121.8	92.2	92.4	92.2	92	91.4	91.7	92.2	95.3	92.5	94.4	94.7	95.4	96	95.6	96.4

NGU Norges geologiske undersøkelse
7491 TRONDHEIM
Tlf.: 73 90 40 00
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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**356**	**357**	**358**	**359**	**360**	**361**	**362**	**363**	**364**	**365**	**366**	**367**	**368**	**369**	**370**
NGU prøvenr.	**80859**	**80860**	**80861**	**80862**	**80863**	**80864**	**80865**	**80866**	**80867**	**80868**	**99860**	**80869**	**80870**	**80871**	**80872**
Prøve nr. → Diameter(µm) ↓	R1261MC020KA 0-1cm	R1261MC020KA 1-2cm	R1261MC020KA 2-3cm	R1261MC020KA 3-4cm	R1261MC020KA 4-5cm	R1261MC020KA 5-6cm	R1261MC020KA 6-7cm	R1261MC020KA 7-8cm	R1261MC020KA 8-9cm	R1261MC020KA 9-10cm	R1261MC020KA 10-11cm	R1261MC020KA 11-12cm	R1261MC020KA 12-13cm	R1261MC020KA13-14cm	R1261MC020KA 14-15cm
133.7	93.8	94	93.7	93.8	93.2	93.3	93.9	96.4	93.9	95.6	95.8	96.4	97.2	96.5	97.3
146.8	95.3	95.5	95.3	95.6	94.9	94.8	95.4	97.5	95.4	96.8	96.9	97.4	98.2	97.6	98.2
161.2	96.6	96.7	96.6	97	96.3	96.1	96.8	98.3	96.7	97.9	97.9	98.4	99.1	98.5	99
176.8	97.5	97.6	97.6	98.1	97.4	97.2	97.9	98.8	97.7	98.7	98.7	99.1	99.6	99.2	99.6
194.2	98.1	98.1	98.2	98.8	98.2	97.9	98.5	99.2	98.4	99.3	99.2	99.5	99.8	99.6	99.9
213.2	98.4	98.5	98.6	99.1	98.7	98.3	98.9	99.4	98.7	99.6	99.6	99.8	99.9	99.9	100
234.1	98.7	98.7	98.8	99.3	98.9	98.7	99.1	99.6	98.9	99.8	99.8	99.9	100	100	100
256.8	98.8	98.9	99	99.3	99.1	98.9	99.2	99.7	99	99.9	99.9	100	100	100	100
282.1	99	99.1	99.1	99.4	99.3	99.1	99.3	99.9	99	100	100	100	100	100	100
309.6	99.1	99.3	99.3	99.4	99.4	99.3	99.4	100	99.1	100	100	100	100	100	100
339.8	99.3	99.4	99.4	99.5	99.5	99.4	99.4	100	99.2	100	100	100	100	100	100
373.1	99.4	99.4	99.6	99.6	99.5	99.5	99.5	100	99.2	100	100	100	100	100	100
409.6	99.5	99.5	99.7	99.7	99.6	99.6	99.6	100	99.3	100	100	100	100	100	100
449.7	99.6	99.5	99.8	99.8	99.6	99.6	99.7	100	99.3	100	100	100	100	100	100
493.6	99.7	99.6	99.9	99.9	99.7	99.7	99.8	100	99.5	100	100	100	100	100	100
541.9	99.9	99.7	100	99.9	99.8	99.8	99.9	100	99.7	100	100	100	100	100	100
594.9	99.9	99.9	100	100	99.9	99.9	99.9	100	99.9	100	100	100	100	100	100
653	100	99.9	100	100	100	100	100	100	100	100	100	100	100	100	100
716.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
786.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
863.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
948.2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1041	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1143	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1255	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**371**	**372**	**373**	**374**	**375**	**376**	**377**	**378**	**379**	**380**	**381**	**382**	**383**	**384**	**385**
NGU prøvenr.	**80873**	**80874**	**80875**	**80876**	**80877**	**80878**	**80879**	**80880**	**80881**	**80882**	**80883**	**80884**	**80885**	**80886**	**80887**
Prøve nr. → Diameter(µm) ↓	R1261MC020KA 15-16cm	R1261MC020KA 16-17cm	R1261MC020KA 17-18cm	R1261MC020KA 18-19cm	R1261MC020KA 19-20cm	R1261MC020KA 20-21cm	R1261MC020KA 21-22cm	R1261MC020KA 22-23cm	R1261MC020KA 23-24cm	R1261MC020KA 24-25cm	R1261MC020KA 25-26cm	R1261MC020KA 26-27cm	R1261MC020KA 27-28cm	R1261MC020KA 28-29cm	R1261MC020KA 29-30cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.452	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.496	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.545	0	0.00023	0	0	0	0	0.000067	0	0	0.00012	0	0.00017	0	0	0
0.598	0.00058	0.004	0.00064	0	0.0004	0.00053	0.002	0.00051	0.00064	0.0027	0.00061	0.0035	0.00079	0.00045	0.00052
0.657	0.0082	0.026	0.0088	0.00078	0.006	0.0076	0.016	0.0072	0.0086	0.021	0.0085	0.025	0.011	0.0069	0.0079
0.721	0.05	0.097	0.053	0.011	0.038	0.047	0.069	0.045	0.051	0.084	0.052	0.099	0.062	0.044	0.05
0.791	0.17	0.25	0.17	0.067	0.13	0.16	0.2	0.15	0.17	0.23	0.17	0.26	0.2	0.16	0.17
0.869	0.4	0.5	0.41	0.22	0.33	0.38	0.42	0.36	0.39	0.49	0.41	0.55	0.47	0.39	0.43
0.953	0.78	0.89	0.79	0.52	0.65	0.75	0.78	0.7	0.75	0.88	0.79	0.99	0.89	0.77	0.86
1.047	1.32	1.44	1.34	0.99	1.13	1.29	1.28	1.21	1.26	1.45	1.34	1.6	1.5	1.35	1.49
1.149	2.07	2.15	2.08	1.66	1.78	2.02	1.96	1.88	1.95	2.19	2.08	2.42	2.32	2.13	2.35
1.261	3.01	3.05	3.03	2.55	2.62	2.95	2.8	2.75	2.82	3.13	3.03	3.45	3.35	3.14	3.46
1.385	4.16	4.11	4.17	3.65	3.64	4.08	3.82	3.8	3.88	4.26	4.18	4.68	4.6	4.38	4.82
1.52	5.49	5.33	5.49	4.95	4.82	5.4	4.99	5.03	5.11	5.56	5.51	6.09	6.04	5.82	6.4
1.669	6.97	6.68	6.95	6.42	6.14	6.86	6.28	6.38	6.46	6.99	6.98	7.65	7.63	7.43	8.17
1.832	8.55	8.11	8.51	8.02	7.54	8.43	7.66	7.84	7.92	8.53	8.57	9.32	9.34	9.17	10.1
2.01	10.2	9.6	10.2	9.7	9.01	10.1	9.1	9.37	9.45	10.1	10.2	11.1	11.1	11	12.1
2.207	11.9	11.1	11.8	11.4	10.5	11.8	10.6	10.9	11	11.8	11.9	12.8	12.9	12.9	14.1
2.423	13.7	12.7	13.5	13.2	12	13.5	12.1	12.6	12.7	13.5	13.7	14.7	14.8	14.8	16.2
2.66	15.4	14.3	15.3	15.1	13.6	15.3	13.7	14.2	14.3	15.2	15.5	16.5	16.7	16.8	18.4
2.92	17.3	16	17.1	17	15.2	17.1	15.3	16	16.1	17	17.4	18.5	18.7	18.9	20.6
3.206	19.3	17.8	19.1	19.1	16.9	19.1	17	17.8	17.9	18.9	19.3	20.5	20.8	21	23
3.519	21.4	19.8	21.2	21.2	18.7	21.2	18.9	19.8	19.9	21	21.4	22.7	23	23.3	25.4
3.862	23.6	21.8	23.4	23.6	20.7	23.4	20.9	21.9	22	23.2	23.7	25	25.3	25.7	28.1
4.241	26.1	24.1	25.8	26.1	22.8	25.8	23.1	24.2	24.3	25.5	26.1	27.5	27.8	28.3	30.8
4.656	28.6	26.5	28.3	28.7	25	28.3	25.4	26.6	26.7	28	28.6	30.1	30.5	31	33.7
5.111	31.3	29	31	31.5	27.4	30.9	27.8	29.2	29.2	30.7	31.3	32.9	33.3	33.8	36.8
5.611	34.2	31.6	33.8	34.4	29.9	33.7	30.4	31.9	31.8	33.5	34.1	35.8	36.2	36.8	39.9
6.158	37	34.3	36.6	37.3	32.4	36.4	33	34.6	34.5	36.3	37	38.8	39.2	39.7	43.1
6.761	39.9	37	39.4	40.2	35	39.2	35.6	37.3	37.2	39.1	39.8	41.8	42.1	42.7	46.3
7.421	42.7	39.7	42.2	43	37.5	41.9	38.1	39.9	39.8	41.9	42.6	44.6	45	45.5	49.3
8.147	45.4	42.2	44.8	45.7	39.9	44.5	40.5	42.4	42.3	44.5	45.2	47.4	47.7	48.3	52.2
8.944	47.9	44.5	47.3	48.2	42.1	46.9	42.8	44.7	44.6	46.9	47.7	50	50.3	50.8	54.9
9.819	50.1	46.6	49.5	50.4	44.1	49	44.8	46.8	46.8	49.2	49.9	52.4	52.6	53.1	57.4
10.78	52	48.5	51.4	52.2	45.8	50.9	46.6	48.6	48.6	51.1	51.9	54.4	54.7	55.2	59.5
11.83	53.7	50.1	53	53.8	47.3	52.5	48	50.1	50.2	52.8	53.5	56.2	56.4	56.9	61.3
12.99	55.1	51.4	54.3	55.1	48.5	53.8	49.3	51.4	51.6	54.2	54.9	57.7	57.9	58.5	63
14.26	56.4	52.7	55.6	56.3	49.7	55.1	50.5	52.7	52.9	55.6	56.2	59.2	59.4	60	64.5
15.65	57.8	54	56.8	57.6	50.9	56.4	51.7	53.9	54.3	57.1	57.6	60.7	60.9	61.5	66.1
17.18	59.3	55.4	58.2	59	52.3	57.8	53.1	55.3	55.7	58.7	59.1	62.3	62.5	63.1	67.8
18.86	61	57	59.8	60.5	53.8	59.4	54.6	56.9	57.4	60.4	60.7	64.1	64.3	64.9	69.8
20.7	62.9	58.7	61.5	62.2	55.4	61	56.2	58.6	59.1	62.3	62.5	66	66.2	66.9	71.8
22.73	64.8	60.5	63.3	63.9	57	62.8	57.9	60.3	61	64.2	64.3	68	68.2	68.8	73.9
24.95	66.7	62.3	65	65.6	58.7	64.5	59.6	62	62.8	66.2	66.2	70	70.1	70.8	75.9
27.38	68.6	64.1	66.7	67.3	60.4	66.2	61.3	63.7	64.7	68.2	68	71.9	72	72.6	77.8
30.07	70.4	65.9	68.4	68.9	62.1	67.9	63	65.4	66.5	70.1	69.8	73.8	73.8	74.5	79.7
33	72.2	67.6	70	70.4	63.8	69.5	64.6	67	68.4	71.9	71.5	75.6	75.6	76.2	81.4
36.24	74	69.2	71.5	71.8	65.4	71	66.2	68.6	70.1	73.7	73.2	77.3	77.2	77.8	83
39.77	75.6	70.8	72.9	73.2	67	72.4	67.7	70	71.7	75.3	74.7	78.8	78.6	79.2	84.4
43.66	77.1	72.2	74.3	74.5	68.6	73.7	69.1	71.4	73.3	76.9	76.1	80.2	80	80.5	85.7
47.93	78.6	73.7	75.6	75.8	70.1	75	70.5	72.8	74.9	78.3	77.5	81.6	81.3	81.7	86.8
52.63	80.2	75.2	77.1	77.2	71.8	76.3	72	74.3	76.5	79.9	78.9	83	82.6	83	88
57.77	81.9	77	78.7	78.8	73.7	77.9	73.8	76	78.3	81.5	80.5	84.6	84.1	84.4	89.3
63.41	83.8	79	80.5	80.7	76	79.7	75.8	77.9	80.3	83.4	82.3	86.4	85.8	85.9	90.7
69.62	85.9	81.2	82.5	82.7	78.4	81.6	78	80	82.4	85.3	84.3	88.2	87.5	87.5	92.2
76.43	87.9	83.4	84.4	84.7	80.9	83.6	80.2	82.1	84.6	87.2	86.2	89.9	89.2	89	93.5
83.9	89.8	85.5	86.3	86.6	83.3	85.6	82.4	84.1	86.5	88.9	88	91.5	90.6	90.4	94.5
92.09	91.3	87.4	87.8	88.2	85.6	87.3	84.4	86	88.3	90.5	89.5	92.7	91.9	91.5	95.2
101.1	92.6	89	89.3	89.7	87.7	88.9	86.4	87.8	89.9	91.8	90.8	93.7	92.9	92.5	95.7
111	93.8	90.6	90.6	91.2	89.7	90.5	88.3	89.6	91.4	93.1	92	94.6	93.9	93.4	96.1
121.8	95	92.2	92	92.6	91.8	92.2	90.2	91.5	93	94.5	93.3	95.5	94.9	94.4	96.6

NGU Norges geologiske undersøkelse
7491 TRONDHEIM
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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**371**	**372**	**373**	**374**	**375**	**376**	**377**	**378**	**379**	**380**	**381**	**382**	**383**	**384**	**385**
NGU prøvenr.	**80873**	**80874**	**80875**	**80876**	**80877**	**80878**	**80879**	**80880**	**80881**	**80882**	**80883**	**80884**	**80885**	**80886**	**80887**
Prøve nr. → Diameter(µm) ↓	R1261MC020KA 15-16cm	R1261MC020KA 16-17cm	R1261MC020KA 17-18cm	R1261MC020KA 18-19cm	R1261MC020KA 19-20cm	R1261MC020KA 20-21cm	R1261MC020KA 21-22cm	R1261MC020KA 22-23cm	R1261MC020KA 23-24cm	R1261MC020KA 24-25cm	R1261MC020KA 25-26cm	R1261MC020KA 26-27cm	R1261MC020KA 27-28cm	R1261MC020KA 28-29cm	R1261MC020KA 29-30cm
133.7	96.3	93.9	93.5	94.1	93.9	93.9	92.3	93.4	94.7	95.9	94.7	96.5	96	95.6	97.3
146.8	97.6	95.6	95	95.5	95.9	95.7	94.3	95.3	96.3	97.3	96	97.5	97.1	96.8	98.1
161.2	98.7	97	96.4	96.8	97.6	97.3	96	97.1	97.8	98.5	97.2	98.5	98.1	97.9	98.9
176.8	99.4	98.2	97.6	97.7	98.8	98.6	97.4	98.4	98.9	99.3	98.2	99.2	98.9	98.9	99.5
194.2	99.8	98.9	98.3	98.3	99.6	99.4	98.2	99.3	99.6	99.8	98.7	99.7	99.4	99.5	99.8
213.2	100	99.3	98.8	98.6	99.9	99.8	98.7	99.8	99.9	100	99	99.9	99.7	99.8	100
234.1	100	99.6	99	98.8	100	100	98.9	100	100	100	99.1	100	99.9	100	100
256.8	100	99.8	99.2	98.9	100	100	99.1	100	100	100	99.1	100	100	100	100
282.1	100	99.9	99.2	99	100	100	99.2	100	100	100	99.2	100	100	100	100
309.6	100	100	99.3	99.1	100	100	99.3	100	100	100	99.2	100	100	100	100
339.8	100	100	99.4	99.2	100	100	99.4	100	100	100	99.2	100	100	100	100
373.1	100	100	99.4	99.3	100	100	99.5	100	100	100	99.3	100	100	100	100
409.6	100	100	99.5	99.3	100	100	99.5	100	100	100	99.4	100	100	100	100
449.7	100	100	99.6	99.4	100	100	99.6	100	100	100	99.5	100	100	100	100
493.6	100	100	99.7	99.5	100	100	99.7	100	100	100	99.6	100	100	100	100
541.9	100	100	99.8	99.7	100	100	99.8	100	100	100	99.8	100	100	100	100
594.9	100	100	99.9	99.9	100	100	99.9	100	100	100	99.9	100	100	100	100
653	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
716.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
786.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
863.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
948.2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1041	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1143	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1255	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

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GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**386**	**387**	**388**	**389**	**390**	**391**	**392**	**393**	**394**	**395**	**396**	**397**	**398**	**399**	**400**
NGU prøvenr.	**80888**	**80889**	**80890**	**81350**	**81349**	**81348**	**81347**	**81346**	**81345**	**81344**	**81343**	**81342**			**81140**
Prøve nr. → Diameter(µm) ↓	R1261MC020KA 30-31cm	R1261MC020KA 31-32cm	R1261MC020KA 32-33cm	R1261MC020KA 33-34cm	R1261MC020KA 34-35cm	R1261MC020KA 35-36cm	R1261MC020KA 36-37cm	R1261MC020KA 37-38cm	R1261MC020KA 38-39cm	R1261MC020KA 39-40cm	R1261MC020KA 40-41cm	R1261MC020KA 41-42cm	Standard Hynne	MINN standard	R1271MC021KA 0-1cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0	0	0	0	0	0	0	0	0	0	0	0.015	0
0.452	0	0	0	0	0	0	0	0	0	0	0	0	0	0.042	0
0.496	0	0	0	0	0	0	0	0	0	0	0	0	0	0.083	0
0.545	0	0.000089	0.00022	0	0	0	0	0	0	0	0	0.00022	0	0.14	0
0.598	0.00056	0.0025	0.0042	0.0003	0	0.00046	0.0006	0.00048	0.00048	0.00064	0.00057	0.004	0.00022	0.21	0.000055
0.657	0.0079	0.02	0.029	0.0053	0.00089	0.007	0.0084	0.007	0.0069	0.0089	0.0079	0.028	0.0036	0.3	0.0022
0.721	0.049	0.088	0.11	0.036	0.013	0.044	0.051	0.044	0.043	0.054	0.048	0.11	0.024	0.4	0.02
0.791	0.16	0.25	0.29	0.14	0.075	0.15	0.17	0.15	0.14	0.18	0.16	0.28	0.087	0.51	0.094
0.869	0.39	0.53	0.61	0.35	0.25	0.38	0.41	0.37	0.35	0.43	0.37	0.57	0.22	0.63	0.28
0.953	0.77	0.98	1.1	0.73	0.58	0.75	0.8	0.72	0.68	0.83	0.72	1.02	0.45	0.76	0.61
1.047	1.31	1.61	1.79	1.3	1.11	1.3	1.36	1.25	1.17	1.41	1.22	1.66	0.79	0.9	1.14
1.149	2.05	2.46	2.69	2.08	1.86	2.06	2.13	1.96	1.83	2.21	1.9	2.49	1.26	1.05	1.87
1.261	3	3.53	3.83	3.1	2.86	3.03	3.1	2.88	2.68	3.22	2.76	3.55	1.88	1.21	2.84
1.385	4.17	4.81	5.2	4.35	4.09	4.22	4.29	3.99	3.72	4.45	3.81	4.81	2.65	1.38	4.04
1.52	5.53	6.29	6.77	5.82	5.56	5.6	5.67	5.29	4.91	5.88	5.02	6.26	3.55	1.55	5.46
1.669	7.05	7.93	8.5	7.47	7.22	7.14	7.21	6.73	6.25	7.47	6.37	7.87	4.57	1.74	7.07
1.832	8.71	9.69	10.4	9.25	9.03	8.8	8.87	8.29	7.69	9.18	7.82	9.58	5.7	1.93	8.82
2.01	10.5	11.5	12.3	11.1	11	10.5	10.6	9.92	9.2	11	9.34	11.4	6.9	2.14	10.7
2.207	12.3	13.4	14.3	13.1	12.9	12.3	12.4	11.6	10.8	12.8	10.9	13.2	8.15	2.37	12.6
2.423	14.2	15.3	16.3	15.1	15	14.2	14.2	13.3	12.4	14.8	12.5	15.1	9.46	2.62	14.6
2.66	16.2	17.3	18.3	17.1	17.1	16.1	16.1	15.1	14	16.7	14.1	17	10.8	2.89	16.7
2.92	18.4	19.3	20.5	19.2	19.3	18	18.1	16.9	15.7	18.8	15.9	19	12.2	3.18	18.9
3.206	20.6	21.5	22.7	21.5	21.6	20.1	20.1	18.9	17.5	20.9	17.7	21.1	13.7	3.51	21.2
3.519	23	23.8	25.1	23.8	24	22.2	22.3	20.9	19.5	23.2	19.6	23.4	15.2	3.87	23.7
3.862	25.5	26.2	27.7	26.3	26.5	24.5	24.5	23.1	21.5	25.6	21.6	25.8	16.8	4.27	26.3
4.241	28.2	28.8	30.4	28.9	29.2	27	27	25.4	23.7	28.1	23.8	28.3	18.5	4.72	29.2
4.656	31	31.5	33.3	31.7	32	29.5	29.5	27.9	26	30.8	26.1	31	20.2	5.22	32.2
5.111	33.9	34.3	36.3	34.6	34.9	32.2	32.2	30.4	28.4	33.6	28.5	33.8	22	5.77	35.3
5.611	37	37.3	39.4	37.6	37.8	35	34.9	33.1	31	36.5	31	36.7	23.9	6.38	38.6
6.158	40.1	40.3	42.6	40.6	40.8	37.8	37.8	35.8	33.5	39.5	33.6	39.7	25.8	7.05	41.9
6.761	43.1	43.3	45.8	43.6	43.8	40.6	40.5	38.5	36.1	42.4	36.1	42.7	27.8	7.79	45.2
7.421	46.1	46.2	48.8	46.5	46.7	43.3	43.3	41.1	38.6	45.3	38.6	45.6	29.7	8.59	48.3
8.147	48.9	48.9	51.8	49.2	49.4	45.9	45.9	43.6	41	48	41	48.4	31.7	9.47	51.3
8.944	51.6	51.5	54.5	51.7	51.9	48.3	48.3	46	43.2	50.6	43.2	51.1	33.6	10.4	54
9.819	54	53.9	57	54	54.2	50.5	50.5	48.1	45.3	53	45.3	53.5	35.5	11.4	56.5
10.78	56.1	56	59.2	56	56.2	52.4	52.5	50	47.1	55.1	47.1	55.6	37.4	12.6	58.5
11.83	57.9	57.8	61.1	57.7	57.9	54.1	54.2	51.6	48.7	56.9	48.7	57.5	39.3	13.7	60.3
12.99	59.6	59.4	62.8	59.2	59.4	55.5	55.7	53.1	50.1	58.5	50.1	59.2	41.1	15	61.7
14.26	61.2	61	64.4	60.7	60.8	56.9	57.1	54.4	51.4	60	51.4	60.7	42.9	16.4	63.1
15.65	62.7	62.5	66	62.1	62.3	58.4	58.6	55.8	52.8	61.6	52.8	62.4	44.8	18	64.5
17.18	64.4	64.3	67.8	63.7	63.9	60	60.3	57.4	54.3	63.3	54.3	64.1	46.7	19.6	66.1
18.86	66.3	66.2	69.8	65.5	65.7	61.7	62	59.1	55.9	65.1	56	66.1	48.6	21.4	67.9
20.7	68.3	68.2	71.8	67.4	67.5	63.6	63.9	60.8	57.6	67.1	57.7	68	50.6	23.3	69.7
22.73	70.3	70.3	73.9	69.3	69.4	65.5	65.9	62.7	59.4	69.1	59.5	70	52.4	25.4	71.6
24.95	72.3	72.3	76	71.2	71.3	67.4	67.8	64.5	61.2	71.2	61.4	72	54.3	27.7	73.4
27.38	74.4	74.3	77.9	73.1	73.1	69.3	69.7	66.3	63.1	73.1	63.2	73.9	56.1	30.2	75.3
30.07	76.3	76.2	79.8	74.9	74.8	71.1	71.6	68	64.9	75.1	65	75.6	57.8	32.7	77
33	78.2	78	81.5	76.5	76.5	72.9	73.4	69.8	66.7	76.9	66.8	77.3	59.4	35.4	78.7
36.24	80	79.6	83.1	78.1	78	74.6	75.2	71.4	68.4	78.6	68.5	78.8	60.9	38.2	80.3
39.77	81.5	81.1	84.4	79.5	79.5	76.2	76.8	72.9	70	80.1	70.2	80.2	62.3	41.1	81.7
43.66	82.9	82.4	85.6	80.8	80.8	77.7	78.3	74.4	71.5	81.5	71.7	81.4	63.6	44	83
47.93	84.2	83.7	86.7	82.1	82.1	79.2	79.7	75.9	73	82.8	73.2	82.5	64.9	47	84.2
52.63	85.5	85	87.8	83.5	83.4	80.7	81.1	77.4	74.6	84.1	74.9	83.7	66.2	50	85.3
57.77	87	86.5	89	85	84.9	82.4	82.7	79.1	76.4	85.5	76.6	85	67.7	53.2	86.6
63.41	88.6	88.1	90.4	86.7	86.6	84.2	84.5	81	78.3	87.1	78.6	86.5	69.4	56.5	88
69.62	90.3	89.8	91.9	88.5	88.4	86.2	86.3	82.9	80.5	88.8	80.6	88.1	71.2	59.8	89.6
76.43	91.9	91.3	93.3	90.3	90.1	88.1	88	84.9	82.6	90.4	82.6	89.8	73.1	63	91
83.9	93.2	92.7	94.4	91.8	91.6	89.7	89.5	86.6	84.6	91.8	84.4	91.2	74.7	66.1	92.2
92.09	94.2	93.7	95.1	92.9	92.9	91.1	90.8	88.1	86.5	92.9	86.1	92.3	76.2	68.9	93.2
101.1	95.1	94.5	95.6	93.9	93.9	92.3	91.9	89.5	88.2	93.8	87.6	93.2	77.6	71.6	94.1
111	95.9	95.2	96.1	94.8	94.8	93.5	92.9	90.9	90	94.6	89.2	94	78.9	74.1	94.9
121.8	96.7	96	96.6	95.7	95.7	94.6	94	92.4	91.9	95.5	90.8	94.9	80.5	76.5	95.8

NGU Norges geologiske undersøkelse
7491 TRONDHEIM
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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**386**	**387**	**388**	**389**	**390**	**391**	**392**	**393**	**394**	**395**	**396**	**397**	**398**	**399**	**400**
NGU prøvenr.	**80888**	**80889**	**80890**	**81350**	**81349**	**81348**	**81347**	**81346**	**81345**	**81344**	**81343**	**81342**			**81140**
Prøve nr. → Diameter(µm) ↓	R1261MC020KA 30-31cm	R1261MC020KA 31-32cm	R1261MC020KA 32-33cm	R1261MC020KA 33-34cm	R1261MC020KA 34-35cm	R1261MC020KA 35-36cm	R1261MC020KA 36-37cm	R1261MC020KA 37-38cm	R1261MC020KA 38-39cm	R1261MC020KA 39-40cm	R1261MC020KA 40-41cm	R1261MC020KA 41-42cm	Standard Hynne	MINN standard	R1271MC021KA 0-1cm
133.7	97.6	96.8	97.3	96.8	96.7	95.9	95.2	93.9	93.8	96.5	92.5	95.9	82.2	78.9	96.8
146.8	98.5	97.8	98.1	97.8	97.8	97.2	96.5	95.6	95.8	97.6	94.3	97	84.1	81.1	97.7
161.2	99.2	98.6	98.9	98.7	98.7	98.3	97.7	97	97.4	98.6	95.9	98	85.9	83.2	98.5
176.8	99.6	99.3	99.5	99.3	99.4	99.2	98.6	98.2	98.7	99.3	97.2	98.8	87.7	85.1	99.1
194.2	99.8	99.7	99.9	99.6	99.8	99.7	99.3	99	99.5	99.8	98.1	99.4	89.1	86.8	99.5
213.2	99.9	99.9	100	99.8	99.9	99.9	99.7	99.5	99.9	100	98.6	99.7	90.3	88.2	99.7
234.1	99.9	100	100	99.8	100	100	99.9	99.8	100	100	98.9	99.8	91.2	89.5	99.8
256.8	100	100	100	99.9	100	100	100	99.9	100	100	99.1	99.9	92	90.6	99.9
282.1	100	100	100	99.9	100	100	100	100	100	100	99.2	100	92.7	91.7	100
309.6	100	100	100	100	100	100	100	100	100	100	99.3	100	93.4	92.6	100
339.8	100	100	100	100	100	100	100	100	100	100	99.4	100	94	93.4	100
373.1	100	100	100	100	100	100	100	100	100	100	99.5	100	94.5	94.2	100
409.6	100	100	100	100	100	100	100	100	100	100	99.6	100	95.1	95	100
449.7	100	100	100	100	100	100	100	100	100	100	99.7	100	95.6	95.7	100
493.6	100	100	100	100	100	100	100	100	100	100	99.8	100	96.1	96.5	100
541.9	100	100	100	100	100	100	100	100	100	100	99.9	100	96.7	97.2	100
594.9	100	100	100	100	100	100	100	100	100	100	100	100	97.3	97.9	100
653	100	100	100	100	100	100	100	100	100	100	100	100	98	98.4	100
716.9	100	100	100	100	100	100	100	100	100	100	100	100	98.6	98.8	100
786.9	100	100	100	100	100	100	100	100	100	100	100	100	99.3	99.1	100
863.9	100	100	100	100	100	100	100	100	100	100	100	100	99.7	99.3	100
948.2	100	100	100	100	100	100	100	100	100	100	100	100	99.9	99.4	100
1041	100	100	100	100	100	100	100	100	100	100	100	100	100	99.6	100
1143	100	100	100	100	100	100	100	100	100	100	100	100	100	99.7	100
1255	100	100	100	100	100	100	100	100	100	100	100	100	100	99.8	100
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	99.8	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	99.9	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	99.9	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

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Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**401**	**402**	**403**	**404**	**405**	**406**	**407**	**408**	**409**	**410**	**411**	**412**	**413**	**414**	**415**
NGU prøvenr.	**81141**	**81142**	**81143**	**81144**	**81145**	**81146**	**81147**	**81148**	**81149**	**81150**	**81151**	**81152**	**81153**	**81154**	**81156**
Prøve nr. → Diameter(µm) ↓	R1271MC021KA 1-2cm	R1271MC021KA 2-3cm	R1271MC021KA 3-4cm	R1271MC021KA 4-5cm	R1271MC021KA 5-6cm	R1271MC021KA 6-7cm	R1271MC021KA 7-8cm	R1271MC021KA 8-9cm	R1271MC021KA 9-10cm	R1271MC021KA 10-11cm	R1271MC021KA 11-12cm	R1271MC021KA 12-13cm	R1271MC021KA13-14cm	R1271MC021KA 14-15cm	R1271MC021KA 16-17cm
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.412	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.452	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.496	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.545	0	0	0	0	0	0	0	0	0	0.00011	0.00011	0	0	0	0
0.598	0.00028	0.00043	0.00052	0.00044	0.00052	0	0	0.00038	0.00058	0.0026	0.0026	0.00027	0.00031	0.00023	0.00041
0.657	0.0051	0.0066	0.0076	0.0067	0.0076	0.00081	0.00038	0.006	0.008	0.02	0.02	0.0046	0.005	0.0042	0.0061
0.721	0.035	0.042	0.048	0.043	0.047	0.011	0.0065	0.039	0.049	0.081	0.083	0.031	0.033	0.03	0.039
0.791	0.13	0.15	0.16	0.15	0.16	0.069	0.043	0.14	0.16	0.22	0.23	0.12	0.12	0.11	0.13
0.869	0.35	0.37	0.39	0.38	0.39	0.23	0.16	0.35	0.39	0.46	0.49	0.3	0.3	0.3	0.33
0.953	0.72	0.75	0.77	0.75	0.77	0.54	0.4	0.69	0.74	0.84	0.89	0.62	0.61	0.61	0.65
1.047	1.28	1.3	1.33	1.31	1.32	1.02	0.8	1.21	1.26	1.37	1.46	1.09	1.08	1.09	1.13
1.149	2.06	2.05	2.08	2.06	2.07	1.71	1.39	1.91	1.96	2.07	2.21	1.75	1.71	1.74	1.77
1.261	3.08	3.03	3.05	3.04	3.03	2.63	2.18	2.82	2.86	2.96	3.16	2.6	2.54	2.59	2.6
1.385	4.33	4.22	4.23	4.23	4.19	3.77	3.19	3.93	3.94	4.02	4.3	3.64	3.54	3.63	3.61
1.52	5.79	5.61	5.6	5.61	5.55	5.13	4.4	5.23	5.19	5.25	5.6	4.86	4.72	4.84	4.78
1.669	7.43	7.17	7.12	7.16	7.05	6.67	5.78	6.67	6.58	6.61	7.04	6.23	6.03	6.19	6.08
1.832	9.22	8.84	8.76	8.81	8.66	8.35	7.29	8.23	8.07	8.08	8.57	7.7	7.44	7.63	7.48
2.01	11.1	10.6	10.5	10.6	10.3	10.1	8.92	9.88	9.64	9.63	10.2	9.25	8.93	9.14	8.94
2.207	13.1	12.4	12.3	12.3	12.1	12	10.6	11.6	11.3	11.2	11.8	10.9	10.5	10.7	10.5
2.423	15.1	14.3	14.1	14.2	13.9	14	12.4	13.3	12.9	12.9	13.5	12.5	12.1	12.3	12
2.66	17.2	16.3	16	16.1	15.7	16	14.3	15.2	14.7	14.7	15.3	14.3	13.7	13.9	13.6
2.92	19.4	18.3	18	18	17.6	18.1	16.2	17.1	16.5	16.5	17.2	16.1	15.4	15.6	15.3
3.206	21.7	20.5	20.1	20.1	19.6	20.4	18.3	19.1	18.5	18.5	19.2	18	17.3	17.5	17.1
3.519	24.2	22.8	22.4	22.4	21.8	22.8	20.5	21.3	20.6	20.7	21.3	20.1	19.3	19.5	19
3.862	26.8	25.3	24.8	24.8	24.2	25.4	23	23.6	22.8	23	23.7	22.3	21.4	21.6	21
4.241	29.6	28	27.4	27.4	26.7	28.1	25.5	26.1	25.3	25.4	26.2	24.7	23.7	23.9	23.3
4.656	32.5	30.8	30.2	30.1	29.4	31	28.2	28.8	27.9	28.1	28.9	27.3	26.1	26.4	25.6
5.111	35.6	33.8	33.2	33	32.2	34	31.1	31.7	30.7	30.9	31.7	30	28.6	29.1	28.2
5.611	38.8	36.9	36.2	36	35.2	37.1	34.1	34.6	33.7	33.8	34.7	32.8	31.3	31.9	30.8
6.158	42.1	40	39.3	39.1	38.2	40.3	37	37.6	36.7	36.8	37.8	35.7	34	34.8	33.5
6.761	45.2	43.1	42.4	42.2	41.2	43.4	40	40.6	39.6	39.7	40.9	38.6	36.7	37.7	36.2
7.421	48.3	46.1	45.4	45.1	44.2	46.5	42.9	43.5	42.6	42.6	43.9	41.4	39.4	40.5	38.9
8.147	51.2	48.9	48.3	47.9	47	49.3	45.6	46.2	45.3	45.4	46.8	44	41.9	43.1	41.4
8.944	53.9	51.5	51	50.5	49.5	52	48.1	48.8	47.9	48	49.5	46.5	44.2	45.6	43.7
9.819	56.2	53.9	53.3	52.8	51.8	54.4	50.3	51.1	50.2	50.3	51.8	48.7	46.3	47.9	45.8
10.78	58.2	55.9	55.4	54.8	53.8	56.4	52.2	53	52.2	52.4	53.9	50.6	48.1	49.8	47.7
11.83	59.9	57.6	57.1	56.5	55.5	58.2	53.8	54.6	53.8	54.2	55.7	52.2	49.7	51.5	49.3
12.99	61.3	59.1	58.6	57.9	56.9	59.7	55.1	56	55.2	55.7	57.1	53.6	51	52.9	50.6
14.26	62.6	60.4	60	59.2	58.2	61	56.3	57.2	56.5	57.1	58.5	54.9	52.2	54.2	51.9
15.65	63.9	61.8	61.4	60.5	59.5	62.4	57.5	58.5	57.7	58.4	59.9	56.2	53.4	55.6	53.2
17.18	65.4	63.4	63	62	61	63.9	58.8	59.9	59.2	59.9	61.5	57.6	54.8	57.1	54.7
18.86	67	65.1	64.8	63.7	62.7	65.5	60.3	61.5	60.7	61.5	63.2	59.2	56.3	58.9	56.3
20.7	68.8	67	66.6	65.5	64.5	67.3	61.9	63.2	62.5	63.2	65.1	61	58	60.7	58.1
22.73	70.5	68.9	68.5	67.3	66.4	69	63.6	65	64.3	65	67	62.8	59.7	62.6	59.9
24.95	72.3	70.7	70.4	69.1	68.2	70.8	65.3	66.8	66.1	66.7	68.9	64.6	61.4	64.5	61.8
27.38	73.9	72.5	72.2	70.9	70	72.4	66.9	68.6	67.9	68.5	70.7	66.4	63.1	66.4	63.6
30.07	75.5	74.3	74	72.7	71.8	74	68.5	70.3	69.6	70.2	72.5	68.2	64.8	68.2	65.3
33	77.1	76	75.6	74.3	73.5	75.5	70.1	72	71.3	71.7	74.2	69.9	66.4	70	67
36.24	78.5	77.5	77.1	75.9	75.1	76.9	71.6	73.6	72.9	73.2	75.8	71.5	68	71.6	68.7
39.77	79.7	78.9	78.4	77.3	76.6	78.1	73	75.1	74.3	74.5	77.3	72.9	69.5	73.1	70.2
43.66	80.9	80.1	79.6	78.5	78.1	79.2	74.3	76.5	75.6	75.6	78.6	74.3	71	74.6	71.7
47.93	82	81.2	80.7	79.7	79.4	80.2	75.6	77.8	76.9	76.7	79.9	75.7	72.4	75.9	73.1
52.63	83.2	82.3	81.8	80.9	80.8	81.3	76.9	79.1	78.2	77.9	81.1	77	73.9	77.2	74.6
57.77	84.5	83.5	83	82.3	82.2	82.5	78.4	80.6	79.6	79.2	82.4	78.5	75.4	78.6	76.2
63.41	86	84.9	84.4	83.8	83.7	83.9	80	82.1	81	80.6	83.7	80.1	77	80.1	77.9
69.62	87.5	86.4	85.9	85.4	85.3	85.3	81.7	83.8	82.5	82.1	85.1	81.7	78.7	81.6	79.7
76.43	89	87.9	87.4	87.1	86.8	86.8	83.4	85.4	83.9	83.5	86.5	83.4	80.4	83.1	81.4
83.9	90.4	89.2	88.6	88.5	88.3	88.1	85	86.9	85.3	85	87.8	84.9	82.2	84.6	83.1
92.09	91.5	90.2	89.6	89.8	89.7	89.4	86.5	88.4	86.7	86.3	89.1	86.5	84	86	84.9
101.1	92.4	91.2	90.5	90.9	90.9	90.6	88.1	89.8	88.2	87.7	90.4	88	85.9	87.5	86.7
111	93.4	92.1	91.3	91.9	92	91.8	89.6	91.3	89.7	89.1	91.7	89.6	87.8	89.1	88.5
121.8	94.5	93.1	92.2	93.1	93.2	93.2	91.3	92.9	91.2	90.8	93.1	91.3	89.9	90.8	90.5

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Coulter data (Kumulativ volum % <)

Løpenr.	**401**	**402**	**403**	**404**	**405**	**406**	**407**	**408**	**409**	**410**	**411**	**412**	**413**	**414**	**415**
NGU prøvenr.	**81141**	**81142**	**81143**	**81144**	**81145**	**81146**	**81147**	**81148**	**81149**	**81150**	**81151**	**81152**	**81153**	**81154**	**81156**
Prøve nr. → Diameter(µm) ↓	R1271MC021KA 1-2cm	R1271MC021KA 2-3cm	R1271MC021KA 3-4cm	R1271MC021KA 4-5cm	R1271MC021KA 5-6cm	R1271MC021KA 6-7cm	R1271MC021KA 7-8cm	R1271MC021KA 8-9cm	R1271MC021KA 9-10cm	R1271MC021KA 10-11cm	R1271MC021KA 11-12cm	R1271MC021KA 12-13cm	R1271MC021KA13-14cm	R1271MC021KA 14-15cm	R1271MC021KA 16-17cm
133.7	95.7	94.2	93.3	94.4	94.5	94.6	93.1	94.6	92.9	92.6	94.5	93.1	92	92.5	92.5
146.8	97	95.3	94.6	95.8	95.7	96.1	94.9	96.2	94.5	94.4	96	94.8	94.1	94.3	94.4
161.2	98	96.3	95.8	97.1	97	97.5	96.5	97.7	96.1	96.2	97.3	96.5	96	96	96.1
176.8	98.9	97.2	96.9	98.1	98.1	98.6	97.9	98.8	97.5	97.7	98.4	97.8	97.6	97.4	97.6
194.2	99.4	97.9	97.7	98.7	99	99.4	98.9	99.5	98.6	98.8	99.3	98.9	98.8	98.6	98.7
213.2	99.6	98.5	98.3	99.2	99.6	99.8	99.6	99.9	99.4	99.5	99.7	99.5	99.5	99.4	99.4
234.1	99.8	99.1	98.8	99.5	99.9	100	99.9	100	99.8	99.9	99.9	99.9	99.9	99.8	99.8
256.8	99.9	99.5	99.2	99.7	100	100	100	100	100	100	100	100	100	100	100
282.1	100	99.8	99.6	99.9	100	100	100	100	100	100	100	100	100	100	100
309.6	100	99.9	99.9	100	100	100	100	100	100	100	100	100	100	100	100
339.8	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
373.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
409.6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
449.7	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
493.6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
541.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
594.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
653	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
716.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
786.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
863.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
948.2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1041	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1143	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1255	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse
7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**416**	**417**	**418**	**419**	**420**	**421**	**422**	**423**	**424**
NGU prøvenr.	**81158**	**81160**	**81162**	**81164**	**81166**	**81168**	**81170**	**81172**	**81421**
Prøve nr. → Diameter(µm) ↓	R1271MC021KA 18-19cm	R1271MC021KA 20-21cm	R1271MC021KA 22-23cm	R1271MC021KA 24-25cm	R1271MC021KA 26-27cm	R1271MC021KA 28-29cm	R1271MC021KA 30-31cm	R1271MC021KA 32-33cm	R1284MC027KA 0-1cm
0.375	0	0	0	0	0	0	0	0	0
0.412	0	0	0	0	0	0	0	0	0
0.452	0	0	0	0	0	0	0	0	0
0.496	0	0	0	0	0	0	0	0	0
0.545	0	0	0.00014	0.00011	0	0	0	0.000046	0
0.598	0.00064	0.00024	0.0028	0.0025	0.00059	0.00054	0.00033	0.0016	0.0001
0.657	0.0087	0.0044	0.02	0.019	0.0079	0.0075	0.0054	0.014	0.0019
0.721	0.052	0.031	0.08	0.077	0.047	0.045	0.036	0.064	0.014
0.791	0.17	0.12	0.21	0.21	0.15	0.15	0.13	0.18	0.053
0.869	0.4	0.31	0.45	0.45	0.36	0.36	0.33	0.4	0.14
0.953	0.76	0.63	0.81	0.82	0.69	0.68	0.67	0.75	0.3
1.047	1.29	1.13	1.31	1.34	1.16	1.16	1.18	1.23	0.53
1.149	1.99	1.81	1.99	2.03	1.79	1.81	1.88	1.88	0.86
1.261	2.89	2.69	2.83	2.9	2.6	2.63	2.79	2.7	1.29
1.385	3.98	3.78	3.85	3.94	3.58	3.63	3.9	3.69	1.83
1.52	5.23	5.06	5.01	5.14	4.7	4.78	5.21	4.83	2.46
1.669	6.62	6.49	6.3	6.47	5.95	6.06	6.67	6.1	3.18
1.832	8.11	8.03	7.68	7.89	7.29	7.42	8.26	7.46	3.97
2.01	9.67	9.66	9.13	9.38	8.7	8.85	9.93	8.88	4.8
2.207	11.3	11.3	10.6	10.9	10.2	10.3	11.7	10.4	5.66
2.423	12.9	13.1	12.1	12.5	11.6	11.8	13.5	11.9	6.54
2.66	14.6	14.9	13.7	14.1	13.2	13.3	15.3	13.4	7.43
2.92	16.4	16.7	15.3	15.8	14.8	14.9	17.2	15.1	8.34
3.206	18.3	18.7	17.1	17.6	16.5	16.6	19.3	16.9	9.26
3.519	20.4	20.8	18.9	19.5	18.3	18.4	21.4	18.7	10.2
3.862	22.6	23.1	20.9	21.6	20.3	20.3	23.7	20.8	11.2
4.241	24.9	25.5	23	23.8	22.4	22.4	26.1	23	12.1
4.656	27.4	28	25.3	26.2	24.6	24.6	28.7	25.3	13.1
5.111	30.1	30.8	27.7	28.7	27	26.9	31.4	27.7	14.1
5.611	32.8	33.6	30.2	31.3	29.5	29.4	34.1	30.3	15.1
6.158	35.6	36.4	32.7	34	32	31.8	36.9	32.9	16.1
6.761	38.5	39.3	35.3	36.7	34.6	34.3	39.7	35.5	17.1
7.421	41.2	42.1	37.8	39.4	37.1	36.7	42.3	38.1	18
8.147	43.9	44.8	40.3	41.9	39.5	39.1	44.8	40.6	18.9
8.944	46.4	47.3	42.6	44.3	41.7	41.3	47.2	42.8	19.8
9.819	48.6	49.5	44.7	46.5	43.8	43.3	49.3	44.9	20.6
10.78	50.6	51.5	46.6	48.5	45.7	45	51.1	46.8	21.4
11.83	52.4	53.3	48.2	50.2	47.3	46.6	52.6	48.4	22.1
12.99	53.9	54.8	49.8	51.8	48.8	48	54	49.8	22.9
14.26	55.4	56.2	51.2	53.3	50.2	49.3	55.3	51.2	23.7
15.65	56.9	57.7	52.7	54.8	51.6	50.8	56.6	52.6	24.5
17.18	58.5	59.4	54.3	56.4	53.2	52.3	58.1	54.2	25.4
18.86	60.3	61.2	56	58.3	54.9	54	59.7	55.9	26.4
20.7	62.3	63.1	57.9	60.2	56.7	55.9	61.4	57.8	27.5
22.73	64.4	65.1	59.8	62.2	58.6	57.7	63.2	59.7	28.6
24.95	66.5	67.1	61.7	64.3	60.6	59.7	64.9	61.8	29.8
27.38	68.6	69.1	63.5	66.4	62.5	61.6	66.6	63.8	31.1
30.07	70.6	71	65.3	68.4	64.4	63.6	68.3	65.8	32.5
33	72.5	72.9	67.1	70.3	66.3	65.5	69.9	67.7	34
36.24	74.3	74.6	68.8	72.2	68.1	67.4	71.4	69.6	35.5
39.77	76	76.2	70.4	73.8	69.8	69.2	72.8	71.4	37.2
43.66	77.5	77.6	71.9	75.4	71.4	70.9	74.3	73.2	39.1
47.93	78.9	79	73.4	76.9	73	72.6	75.7	74.9	41.1
52.63	80.3	80.4	74.9	78.5	74.7	74.4	77.3	76.7	43.6
57.77	81.8	81.8	76.5	80.2	76.5	76.2	79	78.6	46.4
63.41	83.4	83.3	78.3	81.9	78.3	78.2	80.8	80.5	49.8
69.62	85	84.9	80.1	83.7	80.2	80.2	82.7	82.5	53.6
76.43	86.6	86.4	81.9	85.3	82.1	82.2	84.6	84.5	57.8
83.9	88	87.8	83.8	86.9	83.8	84.2	86.4	86.3	62.2
92.09	89.3	89.2	85.6	88.3	85.5	86.1	88.1	88	66.7
101.1	90.5	90.5	87.5	89.6	87.2	88.1	89.7	89.6	71.3
111	91.8	91.8	89.5	91	89.1	90	91.4	91.3	75.7
121.8	93.2	93.1	91.5	92.6	91	92.1	93.1	93.1	79.9

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GEOLOGISK MATERIALE
Analysekontrakt nr.: 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

Coulter data (Kumulativ volum % <)

Løpenr.	**416**	**417**	**418**	**419**	**420**	**421**	**422**	**423**	**424**
NGU prøvenr.	**81158**	**81160**	**81162**	**81164**	**81166**	**81168**	**81170**	**81172**	**81421**
Prøve nr. → Diameter(µm) ↓	R1271MC021KA 18-19cm	R1271MC021KA 20-21cm	R1271MC021KA 22-23cm	R1271MC021KA 24-25cm	R1271MC021KA 26-27cm	R1271MC021KA 28-29cm	R1271MC021KA 30-31cm	R1271MC021KA 32-33cm	R1284MC027KA 0-1cm
133.7	94.6	94.5	93.4	94.2	93	94	94.9	94.8	83.7
146.8	96.1	95.8	95.2	95.7	94.9	95.9	96.5	96.5	87.1
161.2	97.4	97.1	96.8	97.2	96.7	97.4	97.9	97.9	89.9
176.8	98.5	98.1	98	98.3	98.1	98.6	98.9	98.9	92.2
194.2	99.3	99	98.9	99.2	99.1	99.4	99.6	99.6	93.9
213.2	99.7	99.6	99.5	99.7	99.6	99.8	99.9	99.9	95.1
234.1	99.9	99.9	99.8	99.9	99.9	100	100	100	95.9
256.8	100	100	100	100	100	100	100	100	96.4
282.1	100	100	100	100	100	100	100	100	96.7
309.6	100	100	100	100	100	100	100	100	96.8
339.8	100	100	100	100	100	100	100	100	97
373.1	100	100	100	100	100	100	100	100	97.3
409.6	100	100	100	100	100	100	100	100	97.8
449.7	100	100	100	100	100	100	100	100	98.3
493.6	100	100	100	100	100	100	100	100	98.9
541.9	100	100	100	100	100	100	100	100	99.4
594.9	100	100	100	100	100	100	100	100	99.7
653	100	100	100	100	100	100	100	100	99.9
716.9	100	100	100	100	100	100	100	100	100
786.9	100	100	100	100	100	100	100	100	100
863.9	100	100	100	100	100	100	100	100	100
948.2	100	100	100	100	100	100	100	100	100
1041	100	100	100	100	100	100	100	100	100
1143	100	100	100	100	100	100	100	100	100
1255	100	100	100	100	100	100	100	100	100
1377	100	100	100	100	100	100	100	100	100
1512	100	100	100	100	100	100	100	100	100
1660	100	100	100	100	100	100	100	100	100
1822	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100

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Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

File name:	221.$02	222.$02	223.$02	224.$02	225.$02	226.$02	227.$02	228.$02	229.$02	230#.$02	231.$02	232.$02	233.$02	234.$02	235.$02	236.$02	237.$02
NGU prøvenr.	**81008**	**81007**	**81006**	**81005**	**81004**	**81003**	**81002**	**81001**	**81000**	**80999**	**80998**	**80997**	**80996**	**80995**	**80994**	**80992**	**80990**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R1205MC017KA 0-1cm	R1205MC017KA 1-2cm	R1205MC017KA 2-3cm	R1205MC017KA 3-4cm	R1205MC017KA 4-5cm	R1205MC017KA 5-6cm	R1205MC017KA 6-7cm	R1205MC017KA 7-8cm	R1205MC017KA 8-9cm	R1205MC017KA 9-10cm	R1205MC017KA 10-11cm	R1205MC017KA 11-12cm	R1205MC017KA12-13cm	R1205MC017KA 13-14cm	R1205MC017KA 14-15cm	R1205MC017KA 16-17cm	R1205MC017KA 18-19cm
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.240g, ultralyd	0.247g, ultralyd	0.246g, ultralyd	0.243g, ultralyd	0.247g, ultralyd	0.252g, ultralyd	0.264g, ultralyd	0.269g, ultralyd	0.273g, ultralyd	0.288g, ultralyd	0.287g, ultralyd	0.292g, ultralyd	0.318g, ultralyd	0.320g, ultralyd	0.336g, ultralyd	0.346g, ultralyd	0.353g, ultralyd
Optical Model	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	43.5	41.26	41.82	41.76	44.24	47.96	46.28	47.12	48.43	51.59	51.72	51.52	50.84	53.84	47.06	53.73	54.92
Median:	31.8	29.08	29.89	30.35	32.79	39.14	36.36	39.54	40.26	45.36	46.86	45.4	46.92	49.7	44.65	49.53	51.53
D(3,2):	8.375	8.036	8.272	8.31	8.619	9.418	9.178	9.565	9.658	10.45	10.42	10.24	10.44	11.12	10.08	10.78	11.07
Mean/Median Ratio:	1.368	1.419	1.399	1.376	1.349	1.225	1.273	1.192	1.203	1.137	1.104	1.135	1.084	1.083	1.054	1.085	1.066
Mode:	66.44	66.44	66.44	66.44	66.44	72.95	72.95	72.95	72.95	72.95	72.95	72.95	72.95	72.95	72.95	72.95	72.95
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	124.9	119.7	119.7	118.4	125	131.6	128.6	126.3	131.5	136.9	135	137.3	130.4	138.2	116.8	139.3	140.8
S.D.:	41.55	40.04	39.73	39.12	41.18	42.67	41.98	40.4	42.37	43.55	42.49	43.74	40.58	43.04	35.57	43.67	43.8
Variance:	1726	1603	1579	1530	1696	1821	1763	1632	1795	1896	1805	1913	1647	1852	1266	1907	1918
C.V.:	95.51	97.03	95.02	93.68	93.08	88.98	90.72	85.73	87.49	84.42	82.15	84.9	79.82	79.94	75.6	81.28	79.75
Skewness:	1.347	1.347	1.193	1.16	1.185	1.177	1.164	0.983	1.13	1.136	0.937	1.091	0.837	0.969	0.521	1.073	0.988
Kurtosis:	2.007	1.934	1.261	1.145	1.266	1.507	1.36	0.826	1.408	1.708	0.81	1.347	0.529	1.047	-0.434	1.543	1.269
d10:	2.726	2.616	2.676	2.697	2.81	3.128	3.011	3.161	3.196	3.582	3.458	3.366	3.471	3.833	3.336	3.644	3.699
d50:	31.8	29.08	29.89	30.35	32.79	39.14	36.36	39.54	40.26	45.36	46.86	45.4	46.92	49.7	44.65	49.53	51.53
d90:	97.07	93.67	95.57	94.78	99.54	102.9	101.1	100.3	103.3	106.8	106.9	107.4	104	109	95.32	108	109.7
Specific Surf. Area	7164	7467	7253	7220	6962	6371	6537	6273	6212	5743	5759	5861	5749	5397	5950	5564	5420
% <																	
10	2.726	2.616	2.676	2.697	2.81	3.128	3.011	3.161	3.196	3.582	3.458	3.366	3.471	3.833	3.336	3.644	3.699
25	8.873	8.02	7.864	8.241	9.188	11.35	9.985	11.31	11.82	14.24	14.14	13.61	14.65	16.79	13.96	16.32	17
50	31.8	29.08	29.89	30.35	32.79	39.14	36.36	39.54	40.26	45.36	46.86	45.4	46.92	49.7	44.65	49.53	51.53
75	66.95	64.38	66.15	65.95	68.62	72.5	71.03	72.63	73.35	76.7	77.3	76.32	76.06	78.56	72.61	78.23	80.11
90	97.07	93.67	95.57	94.78	99.54	102.9	101.1	100.3	103.3	106.8	106.9	107.4	104	109	95.32	108	109.7
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter µm	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
2	6.63	6.91	6.47	6.53	6.35	5.74	5.76	5.56	5.54	5.07	5.11	5.22	5.15	4.76	5.39	5.06	4.87
5	17.2	18.2	18.4	17.9	16.8	14.9	15.9	14.9	14.7	13.1	13.6	13.9	13.4	12.3	13.9	12.8	12.7
10	26.7	28.3	28.6	27.8	26.2	23.3	25	23.4	22.8	20.5	20.9	21.4	20.6	19	21.1	19.4	19.2
15	33.1	35	34.9	34.3	32.5	29.1	30.9	29.1	28.4	25.7	25.8	26.3	25.3	23.5	26	23.9	23.4
20	38.8	40.9	40.6	40	38.1	34.2	36.1	34.1	33.5	30.5	30.2	30.8	29.7	27.6	30.4	28	27.3
25	43.9	46.2	45.6	45.1	43.1	38.8	40.8	38.7	38.1	34.9	34.4	35	33.8	31.6	34.7	31.8	31
50	62.9	65.1	63.8	63.8	61.8	57.5	59.2	57.2	56.8	53.3	52.3	53.3	52.4	50.2	54.3	50.4	48.8
60	70	71.9	70.7	70.8	68.8	65.2	66.6	64.9	64.5	61.3	60.4	61.4	60.9	58.9	63.3	59	57.3
63	72.2	74	72.8	72.9	71	67.7	69	67.4	66.9	63.8	63	64	63.7	61.6	66.2	61.8	60.1
70	77.1	78.8	77.6	77.8	76	73.2	74.3	73	72.5	69.7	69.1	70	69.9	68	72.7	68.2	66.6
75	80.4	81.8	80.8	81	79.2	76.8	77.8	76.8	76.2	73.7	73.2	73.9	74.1	72.2	77.1	72.4	70.9
90	87.7	88.8	88.1	88.4	86.8	85.4	86	85.8	85.1	83.4	83.2	83.5	84.2	82.4	87.4	82.8	81.7
125	94.9	95.6	95.7	95.9	94.9	94.3	94.6	95.3	94.4	94	94	93.6	94.8	93.5	97.7	93.6	93.4
200	99.5	99.7	99.8	99.9	99.7	99.4	99.6	99.8	99.5	99.2	99.6	99.3	99.8	99.4	100	99.1	99.2
250	100	100	100	100	100	100	100	100	100	99.9	100	100	100	100	100	99.9	99.9
400	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
500	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

File name:	238.$02	239.$02	240.$02	241.$02	242.$02	243.$02	244.$02	245.$02	246#.$02	247.$02	248.$02	249.$02	250.$02	251.$02	252.$02	253.$02	254.$02
NGU prøvenr.	**80988**	**80986**	**80984**	**80982**			**80927**	**80926**	**80925**	**80924**	**80923**	**80922**	**80921**	**80920**	**80919**	**80918**	**80917**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R1205MC017KA 20-21cm	R1205MC017KA 22-23cm	R1205MC017KA 24-25cm	R1205MC017KA 26-27cm	Standard Hynne	MINN standard	R1213MC018KA 0-1cm	R1213MC018KA 1-2cm	R1213MC018KA 2-3cm	R1213MC018KA 3-4cm	R1213MC018KA 4-5cm	R1213MC018KA 5-6cm	R1213MC018KA 6-7cm	R1213MC018KA 7-8cm	R1213MC018KA 8-9cm	R1213MC018KA 9-10cm	R1213MC018KA 10-11cm
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.koziel	W.koziel	W.koziel	W.koziel	W.koziel	W.koziel	W.koziel	W.koziel	W.koziel
Comment	0.363g, ultralyd	0.366g, ultralyd	0.361g, ultralyd	0.357g, ultralyd	0.230g, ultralyd	0.509, ultralyd	0.232g, ultralyd	0.239g, ultralyd	0.238g, ultralyd	0.239g, ultralyd	0.245g, ultralyd	0.245g, ultralyd	0.249g, ultralyd	0.248g, ultralyd	0.246g, ultralyd	0.246g, ultralyd	0.244g, ultralyd
Optical Model	Leire	Leire	Leire	Leire	Leire	Fraunhofer	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	55.39	57.78	59.23	61.35	78.3	104.6	41.7	43.16	38.16	39.63	41.32	40.42	40.17	37.34	39.03	38.71	40.67
Median:	50.21	48.31	49.16	49.59	20.89	51.13	28.32	24.98	24.2	25.92	26.63	26.09	26.89	23.98	25.57	26.35	27.01
D(3,2):	10.83	10.51	10.64	10.65	7.631	16.1	8.103	7.63	7.437	7.92	7.96	7.919	8.036	7.608	7.82	8.027	8.131
Mean/Median Ratio:	1.103	1.196	1.205	1.237	3.748	2.046	1.473	1.728	1.577	1.529	1.552	1.549	1.494	1.557	1.526	1.469	1.506
Mode:	72.95	72.95	72.95	72.95	72.95	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	145.7	178.3	183.2	190.3	351.8	430.8	122.9	153.1	116.6	118.5	124.3	121	118.2	112.3	116.9	112.6	120.3
S.D.:	46.07	61.47	63.27	65.81	139.6	166.4	41.42	56.07	40.03	40.26	42.34	41.13	39.83	38.22	39.74	37.71	40.62
Variance:	2122	3778	4003	4331	19477	27690	1716	3144	1603	1621	1792	1691	1586	1461	1579	1422	1650
C.V.:	83.17	106.4	106.8	107.3	178.2	159	99.33	129.9	104.9	101.6	102.5	101.8	99.14	102.4	101.8	97.42	99.87
Skewness:	1.128	3.543	3.427	2.934	3.073	3.678	1.336	3.575	1.523	1.424	1.392	1.364	1.293	1.39	1.415	1.242	1.328
Kurtosis:	1.594	21.71	19.95	14.08	10.32	16.17	1.57	20.91	2.267	1.879	1.649	1.529	1.309	1.629	1.802	1.127	1.391
d10:	3.631	3.501	3.517	3.477	2.597	8.469	2.646	2.495	2.43	2.614	2.61	2.61	2.647	2.52	2.576	2.657	2.694
d50:	50.21	48.31	49.16	49.59	20.89	51.13	28.32	24.98	24.2	25.92	26.63	26.09	26.89	23.98	25.57	26.35	27.01
d90:	113.4	115.1	119.2	127.2	202.5	227.1	99.83	102.2	92.46	96.39	101.8	99.59	97.4	91.67	94.57	92.74	99.31
Specific Surf. Area	5541	5709	5640	5631	7863	3728	7404	7863	8068	7576	7538	7577	7466	7886	7673	7475	7379
% <																	
10	3.631	3.501	3.517	3.477	2.597	8.469	2.646	2.495	2.43	2.614	2.61	2.61	2.647	2.52	2.576	2.657	2.694
25	16.3	15.21	15.36	14.88	6.152	21.78	7.855	6.927	6.782	7.617	7.468	7.472	7.686	6.894	7.291	7.7	7.946
50	50.21	48.31	49.16	49.59	20.89	51.13	28.32	24.98	24.2	25.92	26.63	26.09	26.89	23.98	25.57	26.35	27.01
75	80.09	79.25	80.77	82.3	82.94	110.7	63.95	60.21	58.09	60.43	63.1	62.04	62.06	57.48	59.64	60.19	62.14
90	113.4	115.1	119.2	127.2	202.5	227.1	99.83	102.2	92.46	96.39	101.8	99.59	97.4	91.67	94.57	92.74	99.31
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	244.$02	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter	% <	% <	% <	% <	% <	% <	Volume	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
µm							% <										
2	5.03	5.22	5.11	5.05	6.52	2.17	6.69	7.18	7.5	6.83	6.77	6.8	6.67	7.07	6.9	6.64	6.58
5	12.8	13.3	13.2	13.5	20.8	5.7	18.3	19.8	20.1	18.5	18.8	18.8	18.4	19.7	19.1	18.4	18
10	19.5	20.2	20.1	20.6	35	11.8	28.7	31	31.4	29.4	29.6	29.7	29.2	31.3	30.1	29.2	28.7
15	23.9	24.8	24.7	25.1	43.1	17.6	35.4	38.1	38.7	36.7	36.6	36.9	36.2	38.8	37.3	36.4	35.8
20	28	29.1	28.9	29.2	49.1	23.1	41.4	44.4	45.2	43.2	42.9	43.3	42.5	45.3	43.7	42.8	42.2
25	31.8	33.1	32.8	33.1	53.6	28.4	46.8	50	50.9	49	48.4	48.9	48	51.1	49.4	48.6	47.9
50	49.8	51.3	50.6	50.3	65.1	49.3	66.2	69.1	70.2	68.7	67.3	67.9	67.6	70.6	69.1	68.6	67.7
60	58.2	59.4	58.6	58	68.3	55.5	72.5	74.9	76.1	74.7	73.2	73.8	73.8	76.4	75.2	74.9	73.7
63	60.8	62	61.1	60.5	69.2	57.3	74.4	76.6	77.8	76.5	74.9	75.6	75.6	78.1	77	76.7	75.5
70	67	67.9	67	66.2	71.5	61	78.5	80.2	81.6	80.3	78.8	79.4	79.5	81.8	80.9	80.8	79.4
75	71.2	71.9	70.9	70	72.9	63.4	81.2	82.4	84	82.7	81.2	81.8	82	84.2	83.3	83.3	81.8
90	81.3	81.5	80.5	79.3	76.5	69.2	87.2	87.4	89.3	88.3	86.9	87.4	87.9	89.5	88.8	89.1	87.5
125	92.3	91.8	91.1	89.7	82.3	78.2	94.5	93.1	95.2	95.1	94.1	94.6	95.2	95.9	95.2	96.1	94.7
200	98.8	97.8	97.6	96.5	89.9	88.3	99.7	98.3	99.7	99.8	99.7	99.8	99.9	99.9	99.8	100	99.9
250	99.9	98.8	98.7	98	91.8	91	100	99	100	100	100	100	100	100	100	100	100
400	100	99.3	99.2	99.3	94.9	94.5	100	99.6	100	100	100	100	100	100	100	100	100
500	100	99.7	99.7	99.8	96.7	95.9	100	99.9	100	100	100	100	100	100	100	100	100
1000	100	100	100	100	100	99.3	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

File name:	255.$02	256.$02	257.$02	258#.$02	259.$02	260.$02	261.$02	262.$02	263#.$02	264#.$02	265.$02	266.$02	267.$02	268.$02	269.$02	270.$02	271.$02
NGU prøvenr.	**80916**	**80915**	**80914**	**80913**	**80911**	**80909**	**80907**	**80905**	**80903**	**80901**	**80899**	**80897**	**80895**	**80893**			**81356**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R1213MC018KA 11-12cm	R1213MC018KA12-13cm	R1213MC018KA 13-14cm	R1213MC018KA 14-15cm	R1213MC018KA 16-17cm	R1213MC018KA 18-19cm	R1213MC018KA 20-21cm	R1213MC018KA 22-23cm	R1213MC018KA 24-25cm	R1213MC018KA 26-27cm	R1213MC018KA 28-29cm	R1213MC018KA 30-31cm	R1213MC018KA 32-33cm	R1213MC018KA 34-35cm	Standard Hynne	MINN standard	R889MC025KA 0-1cm
Operator:	W.koziel	W.koziel	W.koziel	W.koziel	W.koziel	W.koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.246g, ultralyd	0.244g, ultralyd	0.243g, ultralyd	0.248g, ultralyd	0.255g, ultralyd	0.269g, ultralyd	0.294g, ultralyd	0.293g, ultralyd	0.305g, ultralyd	0.333g, ultralyd	0.356g, ultralyd	0.338g, ultralyd	0.321g, ultralyd	0.325g, ultralyd	0.225g, ultralyd	0.508g, ultralyd	0.240g, ultralyd
Optical Model	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Fraunhofer	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	40.54	38.78	40.09	47.33	49.35	51.49	56.4	54.87	55.52	54.89	48.33	48.52	45.95	45.12	80.87	100.8	45.04
Median:	27.27	25.95	27.13	34.19	37.3	43.11	51.28	48.37	52.28	48.84	38.68	38.06	33.44	32.1	20.08	52.3	32.77
D(3,2):	8.232	8.029	8.189	9.13	9.485	10.1	11.48	10.63	11.16	10.64	9.429	9.286	8.763	8.542	7.512	16.3	8.481
Mean/Median Ratio:	1.487	1.494	1.477	1.384	1.323	1.194	1.1	1.134	1.062	1.124	1.249	1.275	1.374	1.405	4.027	1.927	1.375
Mode:	66.44	66.44	66.44	72.95	72.95	72.95	80.08	72.95	80.08	72.95	72.95	72.95	72.95	72.95	18	66.44	66.44
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	119.1	114.1	117.6	134.4	137.9	138	145.4	144.6	139.7	143.6	131.1	132.8	130.1	128.7	373	378	130.4
S.D.:	40.08	38.42	39.53	44.43	45.19	44.14	45.4	45.77	42.94	45.26	42.23	43.01	42.93	42.66	149.1	141.4	43.56
Variance:	1606	1476	1563	1974	2042	1948	2061	2095	1844	2049	1783	1850	1843	1820	22219	19999	1898
C.V.:	98.87	99.09	98.63	93.89	91.57	85.71	80.48	83.42	77.34	82.45	87.38	88.64	93.42	94.55	184.3	140.3	96.71
Skewness:	1.305	1.321	1.308	1.157	1.052	0.833	0.769	0.812	0.59	0.853	0.906	0.929	1.106	1.115	3.129	3.102	1.309
Kurtosis:	1.329	1.405	1.378	0.985	0.717	0.0903	0.158	0.148	-0.333	0.414	0.242	0.301	0.791	0.768	10.5	11.92	1.481
d10:	2.727	2.669	2.71	3.027	3.112	3.261	3.874	3.441	3.738	3.555	3.088	3.026	2.863	2.787	2.563	8.525	2.759
d50:	27.27	25.95	27.13	34.19	37.3	43.11	51.28	48.37	52.28	48.84	38.68	38.06	33.44	32.1	20.08	52.3	32.77
d90:	98.44	93.67	96.68	110.8	113.6	114.3	119	119	115.3	117.3	108.8	110	107.5	106.7	208.3	241.7	106.8
Specific Surf. Area	7288	7473	7327	6571	6326	5940	5228	5645	5377	5639	6363	6461	6847	7024	7987	3680	7075
% <																	
10	2.727	2.669	2.71	3.027	3.112	3.261	3.874	3.441	3.738	3.555	3.088	3.026	2.863	2.787	2.563	8.525	2.759
25	8.052	7.763	7.952	9.869	9.963	11.34	15.32	13.26	15.85	14.4	10.8	10.38	9.202	8.772	6.025	22.17	8.932
50	27.27	25.95	27.13	34.19	37.3	43.11	51.28	48.37	52.28	48.84	38.68	38.06	33.44	32.1	20.08	52.3	32.77
75	61.99	59.6	61.47	73	76.87	80.22	85.56	83.86	84.79	83.17	75.15	75.92	71.46	70.52	81.79	115.1	66.99
90	98.44	93.67	96.68	110.8	113.6	114.3	119	119	115.3	117.3	108.8	110	107.5	106.7	208.3	241.7	106.8
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	270.$02	Volume
Particle diameter	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	Volume	% <
µm																% <	
2	6.44	6.63	6.48	5.79	5.34	4.96	4.25	4.78	4.66	4.97	5.7	5.81	6.18	6.39	6.65	2.15	6.52
5	17.8	18.2	18	15.8	15.7	15	12.6	14	12.8	13.3	15.3	15.6	16.6	17.1	21.2	5.68	17.1
10	28.4	29.2	28.6	25.2	25	23.5	20	21.8	19.8	20.7	24	24.5	26.2	26.9	35.7	11.7	26.5
15	35.5	36.5	35.7	31.5	30.9	28.6	24.7	26.5	24.3	25.5	29.6	30.2	32.3	33.3	43.9	17.4	32.2
20	41.9	43.1	42	37	36	33.2	28.8	30.8	28.3	29.8	34.6	35.3	37.8	38.9	49.9	22.7	37.5
25	47.6	49	47.7	42	40.6	37.4	32.7	34.7	32.1	33.8	39.2	39.9	42.7	43.8	54.5	27.9	42.6
50	67.7	69.1	67.9	60.6	57.9	54.3	49.2	51.1	48.4	50.8	57.5	57.6	61.1	62	65.9	48.5	63.5
60	73.8	75.2	74.1	66.9	64.2	61.1	56.2	58	55.8	58	64.5	64.3	67.6	68.3	69	54.7	70.5
63	75.6	77	75.9	68.9	66.2	63.2	58.5	60.2	58.2	60.3	66.7	66.3	69.6	70.3	69.9	56.5	72.5
70	79.5	80.9	79.9	73.2	70.8	68.2	63.9	65.5	63.9	65.7	71.6	71.1	74.1	74.7	72	60.2	76.8
75	82	83.4	82.4	76.2	73.9	71.7	67.7	69.1	67.9	69.4	74.9	74.4	77.1	77.6	73.4	62.5	79.5
90	87.7	89	88.2	83.4	81.8	80.5	77.7	78.5	78.3	79	83.1	82.6	84.4	84.7	76.6	68.3	85.7
125	94.9	95.7	95.2	93	92.6	92.7	91.6	91.6	92.9	92	93.9	93.6	93.7	93.9	81.8	77.1	93.2
200	99.9	99.9	99.9	99.5	99.5	99.8	99.5	99.6	99.9	99.5	99.9	99.8	99.7	99.8	89.6	87.2	99.6
250	100	100	100	100	100	100	100	100	100	100	100	100	100	100	91.5	90.4	100
400	100	100	100	100	100	100	100	100	100	100	100	100	100	100	94.7	95	100
500	100	100	100	100	100	100	100	100	100	100	100	100	100	100	96.2	96.8	100
1000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.8	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

File name:	272.$02	273.$02	274.$02	275.$02	276.$02	277#.$02	278.$02	279.$02	280.$02	281.$02	282.$02	283.$02	284.$02	285.$02	286#.$02	287.$02	288.$02
NGU prøvenr.	**81357**	**81358**	**81359**	**81360**	**81361**	**81362**	**81363**	**81364**	**81365**	**81366**	**81367**	**81368**	**81369**	**81370**	**81372**	**81374**	**81376**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R889MC025KA 1-2cm	R889MC025KA 2-3cm	R889MC025KA 3-4cm	R889MC025KA 4-5cm	R889MC025KA 5-6cm	R889MC025KA 6-7cm	R889MC025KA 7-8cm	R889MC025KA 8-9cm	R889MC025KA 9-10cm	R889MC025KA 10-11cm	R889MC025KA 11-12cm	R889MC025KA 12-13cm	R889MC025KA13-14cm	R889MC025KA 14-15cm	R889MC025KA 16-17cm	R889MC025KA 18-19cm	R889MC025KA 20-21cm
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.246g, ultralyd	0.249g, ultralyd	0.245g, ultralyd	0.250g, ultralyd	0.256g, ultralyd	0.258g, ultralyd	0.257g, ultralyd	0.256g, ultralyd	0.271g, ultralyd	0.309g, ultralyd	0.267g, ultralyd	0.250g, ultralyd	0.244g, ultralyd	0.243g, ultralyd	0.224g, ultralyd	0.211g, ultralyd	0.207g, ultralyd
Optical Model	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	43.83	45.35	44.03	46.21	44	56.5	45.81	59.44	54.12	62.95	53.11	36.86	34.53	36.4	47.39	47.37	30.09
Median:	30.2	32.46	32.03	34.41	31.53	36.22	32.94	39.31	32.44	35.87	29.16	23.44	21.24	22.98	22.7	18.99	17.09
D(3,2):	8.064	8.312	8.381	8.691	8.306	8.729	8.529	9.354	8.442	8.815	7.908	7.131	6.753	7	6.933	6.471	6.137
Mean/Median Ratio:	1.452	1.397	1.375	1.343	1.395	1.56	1.391	1.512	1.668	1.755	1.822	1.573	1.626	1.584	2.088	2.494	1.76
Mode:	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.44	60.52	60.52	60.52	60.52	28.69	28.69
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	129.7	131.4	126.3	131.4	127.1	202.4	132.3	223.5	221.5	250.9	227.3	114.3	109.7	112.9	197.6	250	100.6
S.D.:	43.79	43.88	41.99	43.44	42.4	74.46	44.15	83.7	85.41	95.89	88.86	39.5	38.33	39.01	76.61	103.4	35.98
Variance:	1917	1926	1763	1887	1798	5544	1949	7005	7294	9195	7896	1560	1469	1522	5870	10688	1295
C.V.:	99.9	96.76	95.37	94.02	96.38	131.8	96.38	140.8	157.8	152.3	167.3	107.2	111	107.2	161.7	218.2	119.6
Skewness:	1.338	1.206	1.223	1.188	1.244	3.698	1.262	4.962	5.448	4.28	5.395	1.609	1.788	1.588	3.871	5.282	2.06
Kurtosis:	1.476	1.071	1.164	1.082	1.22	19.22	1.295	36.16	40.13	24.53	38.14	2.534	3.467	2.493	18.49	31.85	4.614
d10:	2.612	2.676	2.741	2.835	2.706	2.806	2.783	3.039	2.751	2.833	2.549	2.328	2.211	2.271	2.236	2.14	2.065
d50:	30.2	32.46	32.03	34.41	31.53	36.22	32.94	39.31	32.44	35.87	29.16	23.44	21.24	22.98	22.7	18.99	17.09
d90:	107.5	108.9	104.1	108.6	105.1	125.5	109.6	127.7	115.5	139.5	115.6	90.38	83.33	89.34	110.7	91.35	74.23
Specific Surf. Area	7440	7218	7159	6904	7224	6874	7035	6415	7108	6807	7587	8414	8885	8571	8654	9273	9777
% <																	
10	2.612	2.676	2.741	2.835	2.706	2.806	2.783	3.039	2.751	2.833	2.549	2.328	2.211	2.271	2.236	2.14	2.065
25	7.964	8.108	8.729	9.369	8.553	9.538	9.05	10.89	8.931	9.537	7.817	6.46	5.849	6.121	6.01	5.428	5.01
50	30.2	32.46	32.03	34.41	31.53	36.22	32.94	39.31	32.44	35.87	29.16	23.44	21.24	22.98	22.7	18.99	17.09
75	65.67	69.33	66.74	69.73	66.72	74.98	68.78	77.12	68.61	76.3	66.14	54.35	50.48	54.41	56.86	46.47	41.08
90	107.5	108.9	104.1	108.6	105.1	125.5	109.6	127.7	115.5	139.5	115.6	90.38	83.33	89.34	110.7	91.35	74.23
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
µm																	
2	6.93	6.61	6.59	6.33	6.67	6.43	6.47	5.87	6.6	6.32	7.19	8.01	8.57	8.24	8.43	8.99	9.5
5	18.3	18.1	17.3	16.7	17.5	16.7	17	15.5	17.1	16.6	18.5	20.9	22.3	21.7	22	23.5	25
10	28.3	27.9	26.9	25.9	27.2	25.6	26.4	24	26.5	25.6	28.6	32.2	34.3	33.1	33.5	36.2	38.4
15	34.2	33.6	32.8	31.5	33.2	30.9	32.2	29.1	32.4	31.1	34.9	39.4	41.8	40.1	40.5	44.2	46.8
20	39.8	38.7	38.2	36.6	38.6	35.9	37.5	33.9	37.9	36.1	40.7	45.9	48.5	46.5	46.9	51.4	54.2
25	45	43.5	43.3	41.5	43.8	40.5	42.6	38.4	43	40.8	46	51.8	54.4	52.2	52.5	57.6	60.6
50	65.1	62.6	63.8	61.7	64.1	59.6	62.8	57.5	63.2	59.6	65.4	72.4	74.7	72.4	71.3	76.8	80.1
60	71.6	69.2	70.7	68.7	70.8	66.1	69.5	64.4	69.8	65.9	71.5	78.2	80.4	78.2	76.6	81.5	84.8
63	73.5	71.1	72.7	70.7	72.7	68.1	71.5	66.4	71.7	67.8	73.3	79.9	82	79.9	78.1	82.8	86.1
70	77.4	75.4	77	75.2	76.9	72.3	75.7	70.9	75.8	71.8	77.1	83.3	85.4	83.4	81.2	85.4	88.7
75	79.9	78.1	79.7	78	79.6	75	78.4	73.8	78.4	74.3	79.4	85.4	87.3	85.5	83.1	86.9	90.2
90	85.7	84.7	86.1	84.7	85.9	81.5	84.7	80.8	84.3	80.3	84.8	89.9	91.5	90.2	87	89.8	93.1
125	93.1	93.2	94	93.3	93.8	89.9	92.9	89.5	91.5	87.9	91.3	95.1	95.7	95.4	91.5	92.7	96.1
200	99.6	99.6	99.8	99.6	99.7	96.9	99.5	96.9	97.3	95.3	97.3	99.8	99.7	99.8	96.6	96.7	99.9
250	100	100	100	100	100	97.9	100	98	98.1	96.6	97.9	100	100	100	97.2	97.1	100
400	100	100	100	100	100	98.7	100	98.6	98.6	98.1	98.5	100	100	100	98.5	97.7	100
500	100	100	100	100	100	99.4	100	99.2	99	98.8	98.9	100	100	100	99.5	98.2	100
1000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

File name:	289.$02	290.$02	291.$02	292.$02	293.$02	294#.$02	295.$02	296.$02	297.$02	298.$02	299.$02	300.$02	301.$02	302.$02	303.$02	304.$02	305.$02
NGU prøvenr.	**81378**	**81380**	**81382**	**81384**	**81386**	**81388**	**81255**	**81209**			**81515**	**81516**	**81517**	**81518**	**81519**	**81520**	**81521**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R889MC025KA 22-23cm	R889MC025KA 24-25cm	R889MC025KA 26-27cm	R889MC025KA 28-29cm	R889MC025KA 30-31cm	R889MC025KA 32-33cm	R898MC023KA_0-1cm	R911MC022KA 0-1cm	Standard Hynne	MINN standard	R949MC028KA 0-1cm	R949MC028KA1-2cm	R949MC028KA 2-3cm	R949MC028KA 3-4cm	R949MC028KA 4-5cm	R949MC028KA 5-6cm	R949MC028KA 6-7cm
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.205g, ultralyd	0.200g, ultralyd	0.204g, ultralyd	0.203g, ultralyd	0.198g, ultralyd	0.237g, ultralyd	0.321g, ultralyd	0.391g, ultralyd	0.221g, ultralyd	0.506, ultralyd	0.219g, ultralyd	0.212g, ultralyd	0.223g, ultralyd	0.220g, ultralyd	0.223g, ultralyd	0.227g, ultralyd	0.224g, ultralyd
Optical Model	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Fraunhofer	Leire	Leire	Leire	Leire	Leire	Leire	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	31.25	28.94	31.78	35.6	34.83	51.96	53.35	72.5	87.28	103.1	49.21	31.75	48.06	42.78	42.88	46.12	43.18
Median:	18.25	16.8	14.47	17.59	17.39	33.72	48.82	74.57	19.57	50.1	24.52	21.36	22.89	23.77	23.98	25.04	24.17
D(3,2):	6.332	6.121	5.697	6.276	6.202	8.543	10.7	13.89	7.382	15.77	7.481	6.942	7.209	7.299	7.368	7.561	7.426
Mean/Median Ratio:	1.712	1.722	2.196	2.024	2.003	1.541	1.093	0.972	4.461	2.059	2.007	1.486	2.099	1.8	1.788	1.841	1.787
Mode:	31.5	28.69	28.69	28.69	28.69	66.44	66.44	96.49	7.083	66.44	55.14	34.58	55.14	55.14	34.58	55.14	55.14
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	103.7	96.09	148	156.2	151.8	191.2	135.5	164.7	407.8	425.1	219.6	98.07	252.3	181.9	177.9	197.9	183.8
S.D.:	36.99	34.26	59.31	61.54	59.68	71.04	41.89	47.06	163.5	164.3	86.91	33.84	104.2	70.97	68.87	77.42	71.76
Variance:	1368	1174	3518	3788	3562	5047	1755	2215	26739	26988	7553	1145	10854	5037	4744	5993	5150
C.V.:	118.3	118.4	186.6	172.9	171.4	136.7	78.51	64.91	187.3	159.3	176.6	106.6	216.8	165.9	160.6	167.9	166.2
Skewness:	2.099	2.137	5.498	4.855	5.164	4.351	0.824	0.243	2.901	3.764	4.785	1.838	5.975	4.962	4.813	4.578	4.679
Kurtosis:	4.995	5.368	39.22	30.09	35.84	26.55	0.43	-0.416	8.433	17.38	29.2	3.985	40.65	31.3	30.44	25.36	26.75
d10:	2.117	2.071	1.962	2.124	2.089	2.771	3.554	4.748	2.516	8.303	2.467	2.345	2.379	2.423	2.455	2.519	2.496
d50:	18.25	16.8	14.47	17.59	17.39	33.72	48.82	74.57	19.57	50.1	24.52	21.36	22.89	23.77	23.98	25.04	24.17
d90:	75.29	70.92	67.68	74.68	74.36	112.4	110.3	132.6	246.5	231.4	105	73.75	87.1	88.27	91.17	94.43	84.93
Specific Surf. Area	9476	9802	10531	9561	9675	7023	5608	4318	8128	3804	8021	8643	8323	8221	8143	7935	8080
% <																	
10	2.117	2.071	1.962	2.124	2.089	2.771	3.554	4.748	2.516	8.303	2.467	2.345	2.379	2.423	2.455	2.519	2.496
25	5.312	4.961	4.465	5.277	5.124	9.123	17.26	33.66	5.897	21.41	6.339	6.182	6.279	6.581	6.727	7.018	6.927
50	18.25	16.8	14.47	17.59	17.39	33.72	48.82	74.57	19.57	50.1	24.52	21.36	22.89	23.77	23.98	25.04	24.17
75	43.19	39.82	35.29	41.1	40.92	69.31	78.26	104.8	80	108.5	56.25	45.61	50.6	51.62	52.09	54.1	51.22
90	75.29	70.92	67.68	74.68	74.36	112.4	110.3	132.6	246.5	231.4	105	73.75	87.1	88.27	91.17	94.43	84.93
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
µm																	
2	9.15	9.45	10.3	9.11	9.34	6.51	5.12	3.92	6.86	2.25	7.17	7.93	7.69	7.57	7.46	7.22	7.34
5	23.9	25.1	27.3	24	24.5	17	13.1	10.4	21.6	5.83	20.9	21.3	21	20.4	20	19.5	19.6
10	36.9	38.7	41.9	37.3	37.8	26.2	19.6	14.9	36.2	12.1	32.8	33.7	33.1	32.1	31.7	30.8	31.2
15	45.2	47.2	50.9	45.9	46.3	31.9	23.4	17.2	44.4	17.9	39.3	41.3	40	39	38.7	37.7	38.3
20	52.5	54.7	58.6	53.6	53.8	37.1	27	19.2	50.5	23.5	45.1	48.2	46.5	45.4	45.1	44	44.8
25	58.8	61.2	65	60.2	60.3	42	30.7	21.3	55.1	28.8	50.5	54.7	52.5	51.5	51.2	49.9	51
50	78.9	80.9	83.3	80.1	80.2	62.4	51	32.7	66.4	49.9	71.1	78	74.6	73.9	73.6	72.4	74.2
60	84	85.7	87.4	84.8	84.9	69.2	60	38.7	69.5	56.3	77.1	84	80.6	80	79.6	78.5	80.5
63	85.4	87	88.5	86.1	86.2	71.2	62.8	40.8	70.4	58	78.8	85.6	82.3	81.7	81.3	80.2	82.2
70	88.3	89.7	90.7	88.7	88.8	75.4	68.8	46.1	72.5	61.8	82	88.7	85.4	84.9	84.5	83.5	85.5
75	89.9	91.3	91.9	90.1	90.2	78	72.7	50.4	73.8	64.2	83.9	90.4	87.2	86.7	86.3	85.4	87.3
90	93	94.2	93.9	92.7	92.7	84.3	82.1	63.4	76.9	70	87.8	93.8	90.5	90.3	89.8	89.3	90.9
125	95.9	96.8	95.2	94.8	94.8	92.2	93.5	86.8	81.5	78.5	92.1	96.9	93.6	94	93.5	93.2	94.2
200	99.7	99.8	98.3	98	98.3	97.8	99.8	99.5	88.3	88.1	96.4	99.9	96.9	97.6	97.8	97.2	97.3
250	100	100	98.7	98.4	98.7	98.3	100	100	90.1	90.8	97.1	100	97.3	98.1	98.2	97.5	97.7
400	100	100	99.2	99.1	99.2	98.8	100	100	93.3	94.7	98.2	100	98.3	98.7	98.9	98.3	98.6
500	100	100	99.6	99.7	99.6	99.3	100	100	95	96.2	99	100	98.5	99.3	99.4	99.1	99.3
1000	100	100	100	100	100	100	100	100	100	99.3	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

File name:	306#.$02	307.$02	308.$02	309.$02	310.$02	311.$02	312#.$02	313.$02	314.$02	315.$02	316.$02	317.$02	318.$02	319#.$02	320.$02	321.$02	322.$02
NGU prøvenr.	**81522**	**81523**	**81524**	**81525**	**81526**	**81527**	**81528**	**81529**	**81531**	**81533**	**81536**	**81537**	**81539**	**81542**	**81543**	**81545**	**81547**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R949MC028KA 7-8cm	R949MC028KA 8-9cm	R949MC028KA 9-10cm	R949MC028KA 10-11cm	R949MC028KA 11-12cm	R949MC028KA 12-13cm	R949MC028KA 13-14cm	R949MC028KA 14-15cm	R949MC028KA 16-17cm	R949MC028KA 18-19cm	R949MC028KA 20-21cm	R949MC028KA 22-23cm	R949MC028KA 24-25cm	R949MC028KA 26-27cm	R949MC028KA 28-29cm	R949MC028KA 30-31cm	R949MC028KA 32-33cm
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.225g, ultralyd	0.235g, ultralyd	0.233g, ultralyd	0.239g, ultralyd	0.238g, ultralyd	0.241g, ultralyd	0.246g, ultralyd	0.254g, ultralyd	0.241g, ultralyd	0.249g, ultralyd	0.247g, ultralyd	0.243g, ultralyd	0.249g, ultralyd	0.247g, ultralyd	0.244g, ultralyd	0.247g, ultralyd	0.249g, ultralyd
Optical Model	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	53.05	44.43	49.44	46.3	44.99	42.26	38.65	39.43	45.08	47.22	32.87	37.8	43.15	35	44.07	39.34	34.62
Median:	26.47	25.15	27.2	26.76	25.55	24.78	22.61	23.31	26.62	25.75	22.86	22.06	22.48	16.94	20.79	19.82	18.34
D(3,2):	7.808	7.591	7.943	7.853	7.65	7.471	7.097	7.307	7.855	7.666	7.219	7.106	7.152	6.136	6.815	6.636	6.465
Mean/Median Ratio:	2.004	1.766	1.818	1.73	1.761	1.705	1.709	1.692	1.693	1.834	1.438	1.713	1.919	2.066	2.12	1.985	1.888
Mode:	55.14	55.14	55.14	55.14	55.14	55.14	34.58	34.58	55.14	55.14	55.14	31.5	31.5	28.69	31.5	31.5	31.5
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	249.4	181.1	202	184	182.2	176	166.8	162.4	180.1	211	99.36	157.9	196.9	162.7	208.1	177.9	148.2
S.D.:	100.2	69.72	77.82	70.28	70.03	68.23	65.4	62.72	68.9	83.57	33.92	61.29	78.44	65.15	83.67	70.68	57.96
Variance:	10036	4861	6055	4939	4904	4656	4277	3934	4747	6985	1151	3756	6152	4245	7001	4995	3360
C.V.:	188.8	156.9	157.4	151.8	155.7	161.5	169.2	159.1	152.8	177	103.2	162.2	181.8	186.2	189.8	179.7	167.4
Skewness:	5.083	4.437	4.056	4.393	4.415	4.989	5.529	5.242	4.461	5.369	1.753	5.494	4.983	5.605	4.85	5.201	5.417
Kurtosis:	31.12	25.82	20.52	25.95	25.32	31.69	38.65	36.6	25.54	36.75	3.647	39.91	29.37	39.78	27.25	33.33	39.92
d10:	2.601	2.54	2.645	2.622	2.554	2.495	2.379	2.458	2.622	2.551	2.418	2.38	2.383	2.074	2.258	2.209	2.176
d50:	26.47	25.15	27.2	26.76	25.55	24.78	22.61	23.31	26.62	25.75	22.86	22.06	22.48	16.94	20.79	19.82	18.34
d90:	106.9	91.56	107.4	102.3	96.87	85.14	75.44	79.62	94.65	94.67	74.95	77.09	82.31	72.56	86.24	80.24	74.19
Specific Surf. Area	7684	7905	7554	7641	7843	8031	8455	8211	7639	7827	8312	8444	8389	9778	8805	9042	9281
% <																	
10	2.601	2.54	2.645	2.622	2.554	2.495	2.379	2.458	2.622	2.551	2.418	2.38	2.383	2.074	2.258	2.209	2.176
25	7.47	7.155	7.666	7.608	7.272	7.023	6.529	6.873	7.809	7.432	6.74	6.539	6.587	4.993	5.897	5.646	5.403
50	26.47	25.15	27.2	26.76	25.55	24.78	22.61	23.31	26.62	25.75	22.86	22.06	22.48	16.94	20.79	19.82	18.34
75	56.82	53.32	57.52	56.21	54.2	51.83	47.32	48.98	55.12	54.31	47.76	46.84	48.58	39.47	48.52	45.9	41.87
90	106.9	91.56	107.4	102.3	96.87	85.14	75.44	79.62	94.65	94.67	74.95	77.09	82.31	72.56	86.24	80.24	74.19
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter µm	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
2	6.98	7.18	6.8	6.9	7.13	7.34	7.82	7.51	6.93	7.17	7.63	7.78	7.78	9.44	8.31	8.56	8.74
5	18.7	19.2	18.4	18.5	19.1	19.5	20.5	19.8	18.3	18.9	20.1	20.6	20.5	25	22.2	22.8	23.6
10	29.6	30.5	29.2	29.3	30.1	30.8	32.3	31.3	28.8	29.7	31.7	32.3	32.1	38.6	34.4	35.4	36.8
15	36.3	37.4	35.7	36	37	37.7	39.7	38.7	35.6	36.6	39.2	40.1	39.7	47	42.1	43.2	45
20	42.5	43.8	41.8	42.1	43.3	44.1	46.6	45.6	42	43	46.2	47.2	46.7	54.4	49	50.2	52.4
25	48.3	49.8	47.5	48	49.4	50.3	53	52.2	48.1	49.1	52.7	53.8	53.2	61	55.1	56.5	58.9
50	70.6	72.7	70	70.9	72.2	73.7	76.9	75.7	71.5	72.1	76.6	77.1	75.9	81.1	75.9	77.4	79.9
60	76.9	79.1	76.5	77.3	78.5	80.1	83.2	81.9	78.1	78.5	83	83	81.8	85.7	81.3	82.8	84.8
63	78.6	80.8	78.2	79	80.2	81.8	84.8	83.6	79.8	80.2	84.7	84.6	83.3	86.9	82.7	84.2	86.1
70	82	84.2	81.7	82.5	83.5	85.2	88.1	86.9	83.3	83.6	88.1	87.7	86.4	89.3	85.7	87.1	88.8
75	83.9	86.1	83.7	84.4	85.3	87.1	89.8	88.7	85.3	85.5	90	89.4	88.1	90.6	87.4	88.7	90.2
90	87.7	89.7	87.6	88.2	89	91	93.1	92	89.2	89.3	93.6	92.5	91.3	93	90.6	91.7	93
125	91.8	93.3	91.7	92.3	92.9	94.8	95.7	94.9	93.3	93	96.9	95.3	94	95.1	93.7	94.5	95.4
200	95.9	96.9	96.2	97.2	97.3	97.7	98	98.2	97.7	97.1	99.9	98.5	97.3	98.1	97	97.9	98.6
250	96.7	97.7	97.1	98	97.9	98.1	98.2	98.5	98	97.6	100	98.7	97.6	98.5	97.3	98.2	98.7
400	98	99	98.5	98.9	98.8	98.8	98.9	99.1	98.7	98.5	100	99	98.3	99	98	98.6	99.3
500	98.5	99.4	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99	100	99.5	99	99.4	98.8	99.2	99.7
1000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

File name:	323.$02	324.$02	325.$02	326.$02	327.$02	328.$02	329.$02	330.$02	331.$02	332.$02	333.$02	334.$02	335.$02	336.$02	337.$02	338.$02	339.$02
NGU prøvenr.	**81549**			**81273**	**81274**	**81275**	**81276**	**81277**	**81278**	**81279**	**81280**	**81281**	**81282**	**81283**	**81284**	**81285**	**81286**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R949MC028KA 34-35cm	Standard Hynne	MINN standard	R961MC024KA_0-1cm	R961MC024KA_1-2cm	R961MC024KA_2-3cm	R961MC024KA_3-4cm	R961MC024KA_4-5cm	R961MC024KA_5-6cm	R961MC024KA_6-7cm	R961MC024KA_7-8cm	R961MC024KA_8-9cm	R961MC024KA_9-10cm	R961MC024KA_10-11cm	R961MC024KA_11-12cm	R961MC024KA_12-13cm	R961MC024KA_13-14cm
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.248g, ultralyd	0.224g, ultralyd	0.508, ultralyd	0.242g, ultralyd	0.246g, ultralyd	0.242g, ultralyd	0.244g, ultralyd	0.242g, ultralyd	0.240g, ultralyd	0.244g, ultralyd	0.245g, ultralyd	0.243g, ultralyd	0.246g, ultralyd	0.245g, ultralyd	0.244g, ultralyd	0.245g, ultralyd	0.244g, ultralyd
Optical Model	Leire	Leire	Fraunhofer	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	39.12	80.51	100.7	36.64	38.44	37.09	37.16	36.59	36.86	38.51	37.96	39.22	40.14	38.81	38.01	38.05	38.88
Median:	19.56	19.21	49.34	25.47	26.21	25.21	24.73	25.92	25.54	26.9	25.83	27.68	27.63	26.94	27.09	27.17	27.33
D(3,2):	6.71	7.328	15.51	7.604	7.653	7.448	7.46	7.719	7.683	7.873	7.692	8.011	7.918	7.918	7.971	7.977	8.014
Mean/Median Ratio:	2	4.191	2.041	1.439	1.467	1.471	1.502	1.412	1.443	1.432	1.469	1.417	1.453	1.441	1.403	1.4	1.423
Mode:	31.5	7.776	66.44	60.52	60.52	60.52	55.14	60.52	55.14	60.52	60.52	60.52	60.52	60.52	60.52	60.52	60.52
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	180.4	372.7	417.2	109.7	115.9	112.8	113.8	107.6	110.7	114.5	115.1	115.5	120.5	116.1	111.9	112.2	115.7
S.D.:	72.09	149.1	161.5	37.29	39.54	38.65	39.12	36.23	37.65	38.77	39.34	38.91	41.02	39.43	37.71	37.83	39.19
Variance:	5197	22226	26074	1391	1564	1494	1530	1312	1417	1503	1548	1514	1683	1555	1422	1431	1536
C.V.:	184.3	185.2	160.3	101.8	102.9	104.2	105.3	99.01	102.1	100.7	103.6	99.22	102.2	101.6	99.21	99.42	100.8
Skewness:	5.572	3.022	3.859	1.569	1.543	1.606	1.614	1.435	1.58	1.493	1.605	1.438	1.52	1.551	1.495	1.515	1.568
Kurtosis:	38.73	9.655	18.33	2.545	2.348	2.712	2.531	1.94	2.529	2.123	2.574	1.926	2.178	2.404	2.228	2.32	2.543
d10:	2.247	2.508	8.181	2.522	2.528	2.441	2.478	2.569	2.565	2.621	2.562	2.665	2.619	2.641	2.659	2.657	2.673
d50:	19.56	19.21	49.34	25.47	26.21	25.21	24.73	25.92	25.54	26.9	25.83	27.68	27.63	26.94	27.09	27.17	27.33
d90:	80.33	219	222.4	85.61	91.96	87.93	89.88	86.2	86.8	91.45	90.49	93.02	97.44	91.86	88.6	88.35	90.88
Specific Surf. Area	8942	8187	3869	7891	7840	8056	8043	7773	7809	7621	7801	7490	7577	7578	7528	7522	7487
% <																	
10	2.247	2.508	8.181	2.522	2.528	2.441	2.478	2.569	2.565	2.621	2.562	2.665	2.619	2.641	2.659	2.657	2.673
25	5.723	5.851	21.12	7.265	7.297	6.655	7.008	7.447	7.42	7.776	7.46	8.026	7.821	7.856	8.016	8.038	8.166
50	19.56	19.21	49.34	25.47	26.21	25.21	24.73	25.92	25.54	26.9	25.83	27.68	27.63	26.94	27.09	27.17	27.33
75	45.36	77.37	105.9	53.61	56.28	54.55	53.48	54.12	53.41	56.15	54.71	57.57	57.96	56.27	55.54	55.41	56.25
90	80.33	219	222.4	85.61	91.96	87.93	89.88	86.2	86.8	91.45	90.49	93.02	97.44	91.86	88.6	88.35	90.88
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
µm																	
2	8.34	6.89	2.31	7.23	7.22	7.42	7.4	7.06	7.08	6.91	7.12	6.78	6.92	6.85	6.79	6.79	6.77
5	22.6	21.8	5.93	19.2	19.1	20.3	19.6	18.8	18.9	18.3	18.8	18	18.3	18.2	18	18	17.8
10	35.4	36.5	12.3	30.1	30	31.5	30.8	29.6	29.8	28.9	29.6	28.3	28.7	28.7	28.4	28.3	28.1
15	43.4	44.7	18.2	36.9	36.7	37.9	37.8	36.4	36.7	35.6	36.5	34.9	35.2	35.4	35.1	35	34.8
20	50.6	50.9	23.8	43.3	42.8	44	44.2	42.8	43.1	41.8	42.9	41	41.2	41.7	41.4	41.3	41.1
25	57	55.5	29.2	49.5	48.6	49.8	50.3	48.9	49.4	47.8	49	46.9	47.1	47.7	47.5	47.4	47.2
50	77.7	67	50.4	72.5	70.9	72	72.7	72.2	72.7	70.8	71.9	69.9	69.7	70.8	71.2	71.2	70.7
60	82.8	70	56.8	79	77.3	78.4	78.9	78.7	79.1	77.4	78.2	76.5	76.2	77.3	77.9	78	77.4
63	84.2	71	58.6	80.8	79	80.2	80.5	80.5	80.9	79.2	80	78.3	78	79.1	79.7	79.8	79.2
70	87	73.1	62.4	84.5	82.6	83.9	83.9	84.2	84.4	82.9	83.5	82.1	81.7	82.8	83.5	83.6	82.9
75	88.6	74.4	64.8	86.6	84.8	86	85.9	86.3	86.5	85	85.6	84.4	83.8	84.9	85.7	85.8	85.1
90	91.8	77.6	70.6	91	89.5	90.5	90	90.9	90.7	89.6	89.9	89.3	88.5	89.5	90.3	90.4	89.8
125	94.7	82.2	79.1	95.8	95	95.4	94.9	96.3	95.6	95.1	94.9	95.1	94.2	94.9	95.6	95.5	95
200	98	89.1	88.6	99.9	99.8	99.8	99.8	100	99.9	99.9	99.8	99.9	99.7	99.8	99.9	99.9	99.8
250	98.2	91	91.3	100	100	100	100	100	100	100	100	100	100	100	100	100	100
400	98.7	94.3	94.9	100	100	100	100	100	100	100	100	100	100	100	100	100	100
500	99.2	96.1	96.4	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1000	100	100	99.3	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

File name:	340#.$02	341#.$02	342.$02	343.$02	344.$02	345.$02	346.$02	347.$02	348.$02	349.$02	350.$02	351.$02	352.$02	353.$02	354.$02	355.$02	356.$02
NGU prøvenr.	**81287**	**81289**	**81291**	**81293**	**81295**	**81297**	**81299**	**81301**	**81303**	**81305**	**81307**	**81309**	**81311**	**80851**			**80859**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R961MC024KA_14-15cm	R961MC024KA_16-17cm	R961MC024KA_18-19cm	R961MC024KA_20-21cm	R961MC024KA_22-23cm	R961MC024KA_24-25cm	R961MC024KA_26-27cm	R961MC024KA_28-29cm	R961MC024KA_30-31cm	R961MC024KA_32-33cm	R961MC024KA_34-35cm	R961MC024KA_36-37cm	R961MC024KA_38-39cm	R1257GR681 0-1cm	Standard Hynne	MINN standard	R1261MC020KA 0-1cm
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.247g, ultralyd	0.244g, ultralyd	0.246g, ultralyd	0.242g, ultralyd	0.243g, ultralyd	0.248g, ultralyd	0.245g, ultralyd	0.244g, ultralyd	0.247g, ultralyd	0.243g, ultralyd	0.237g, ultralyd	0.238g, ultralyd	0.237g, ultralyd	0.244g, ultralyd	0.226g, ultralyd	0.503g, ultralyd	0.189g, ultralyd
Optical Model	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Fraunhofer	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	51.86	42.39	40.48	39.99	35.86	35.42	29.34	27.93	29.18	27.45	28.38	26.63	25.8	83.11	78.34	93.71	37.22
Median:	30.22	28.23	29.09	28.47	25.65	24.54	19.03	18.76	19.59	17.57	17.63	16.89	16.19	53.04	19.83	48.63	10.84
D(3,2):	8.37	7.996	8.182	8.272	7.742	7.584	6.65	6.628	6.821	6.459	6.493	6.337	6.254	8.85	7.502	15.55	5.542
Mean/Median Ratio:	1.716	1.501	1.391	1.405	1.398	1.443	1.542	1.489	1.489	1.562	1.609	1.576	1.594	1.567	3.95	1.927	3.434
Mode:	60.52	60.52	60.52	60.52	55.14	34.58	28.69	31.5	31.5	28.69	28.69	28.69	28.69	140.1	18	66.44	5.878
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	216	143.6	118.9	117.8	105.9	106.6	93.48	86.89	90.27	88.71	93.4	85.98	84.07	290.8	364.6	392.4	155.8
S.D.:	83.73	51.65	40.03	39.68	35.76	36.3	32.72	30.08	31.17	31.25	33.17	30.28	29.73	106	146.1	152.4	60.5
Variance:	7011	2668	1602	1575	1279	1318	1071	905	971.5	976.9	1100	917	883.7	11232	21333	23228	3660
C.V.:	161.5	121.8	98.89	99.23	99.71	102.5	111.5	107.7	106.8	113.8	116.9	113.7	115.2	127.5	186.5	162.6	162.5
Skewness:	5.287	3.612	1.471	1.511	1.579	1.651	2.073	2.033	1.931	2.203	2.269	2.212	2.302	3.206	3.21	4.431	3.902
Kurtosis:	37.36	21.99	2.089	2.207	2.685	2.917	5.063	5.217	4.487	5.76	6.023	5.978	6.549	16.22	11.15	24.4	23.3
d10:	2.765	2.637	2.705	2.785	2.586	2.524	2.249	2.249	2.316	2.207	2.217	2.176	2.167	2.815	2.565	8.147	1.98
d50:	30.22	28.23	29.09	28.47	25.65	24.54	19.03	18.76	19.59	17.57	17.63	16.89	16.19	53.04	19.83	48.63	10.84
d90:	111.4	95.36	95.22	94.04	82.21	82.34	68.56	65.31	68.13	64.66	66.65	63.27	61.82	182.6	199.7	194.1	106.5
Specific Surf. Area	7168	7504	7333	7253	7750	7911	9023	9053	8796	9289	9240	9469	9594	6780	7998	3857	10827
% <																	
10	2.765	2.637	2.705	2.785	2.586	2.524	2.249	2.249	2.316	2.207	2.217	2.176	2.167	2.815	2.565	8.147	1.98
25	8.926	8.044	8.515	8.899	7.759	7.415	5.892	5.893	6.14	5.651	5.65	5.421	5.338	7.393	6.007	20.93	4.035
50	30.22	28.23	29.09	28.47	25.65	24.54	19.03	18.76	19.59	17.57	17.63	16.89	16.19	53.04	19.83	48.63	10.84
75	62.48	58.2	58.66	57.34	52.07	50.98	40.12	38.91	40.84	36.59	37.64	35.93	34.45	128.4	77.7	102.6	49.15
90	111.4	95.36	95.22	94.04	82.21	82.34	68.56	65.31	68.13	64.66	66.65	63.27	61.82	182.6	199.7	194.1	106.5
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter µm	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
2	6.58	6.85	6.67	6.5	7.04	7.23	8.37	8.37	8.04	8.59	8.53	8.76	8.82	6.12	6.62	2.26	10.2
5	17	18.1	17.6	17	18.5	19	22.2	22.2	21.5	22.8	22.8	23.5	23.8	18.2	21.3	5.94	30.6
10	26.6	28.2	27.3	26.7	29	29.8	34.8	34.9	34	36.1	36.2	37.3	38.1	29.5	35.8	12.3	48.5
15	32.7	34.7	33.6	33.4	36.1	37.1	43.5	43.8	42.7	45.5	45.5	46.7	47.9	33.7	44.1	18.3	54.7
20	38.6	40.7	39.6	39.7	42.8	44.1	51.5	52	50.6	54	53.8	55.1	56.5	37	50.2	24	59.5
25	44.3	46.4	45.4	45.9	49.2	50.6	58.7	59.4	57.9	61.5	61.1	62.5	64	40	54.8	29.4	63.7
50	66.8	69.3	68.9	69.9	73.5	74.3	81.5	82.6	81.2	83.8	82.9	84.2	85.1	49.1	66.4	50.9	75.3
60	73.5	76.1	75.9	76.7	80.1	80.6	86.5	87.7	86.5	88.2	87.5	88.7	89.3	52.2	69.6	57.4	78.6
63	75.3	78	77.8	78.5	81.9	82.3	87.9	89.1	87.9	89.4	88.7	89.9	90.4	53.1	70.6	59.2	79.7
70	79.1	81.8	81.7	82.3	85.5	85.7	90.5	91.7	90.7	91.7	91.1	92.2	92.6	55.5	72.8	63	82
75	81.4	84.1	84	84.5	87.6	87.7	91.9	93.2	92.2	93	92.4	93.5	93.9	57.1	74.3	65.4	83.5
90	86.2	88.9	88.9	89.1	91.9	91.7	94.5	95.7	95	95.2	94.7	95.7	96	61.9	77.7	71.3	87.1
125	91.8	94.2	94.5	94.6	96.3	96.1	97	97.8	97.6	97.2	96.7	97.6	97.7	73.8	82.9	80.1	92.7
200	96.9	98.7	99.8	99.8	99.9	99.9	99.9	100	100	100	99.9	100	100	92.5	90	90.4	98.2
250	97.7	99.1	100	100	100	100	100	100	100	100	100	100	100	96	91.8	93.2	98.8
400	98.7	99.7	100	100	100	100	100	100	100	100	100	100	100	98	94.9	96.2	99.4
500	99	99.9	100	100	100	100	100	100	100	100	100	100	100	98.7	96.4	97.2	99.7
1000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.2	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

File name:	357#.$02	358.$02	359.$02	360.$02	361.$02	362.$02	363#.$02	364.$02	365.$02	366.$02	367.$02	368#.$02	369.$02	370.$02	371.$02	372.$02	373.$02
NGU prøvenr.	**80860**	**80861**	**80862**	**80863**	**80864**	**80865**	**80866**	**80867**	**80868**	**99860**	**80869**	**80870**	**80871**	**80872**	**80873**	**80874**	**80875**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R1261MC020KA 1-2cm	R1261MC020KA 2-3cm	R1261MC020KA 3-4cm	R1261MC020KA 4-5cm	R1261MC020KA 5-6cm	R1261MC020KA 6-7cm	R1261MC020KA 7-8cm	R1261MC020KA 8-9cm	R1261MC020KA 9-10cm	R1261MC020KA 10-11cm	R1261MC020KA 11-12cm	R1261MC020KA 12-13cm	R1261MC020KA13-14cm	R1261MC020KA 14-15cm	R1261MC020KA 15-16cm	R1261MC020KA 16-17cm	R1261MC020KA 17-18cm
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.187g, ultralyd	0.191g, ultralyd	0.183g, ultralyd	0.178g, ultralyd	0.178g, ultralyd	0.172g, ultralyd	0.168g, ultralyd	0.163g, ultralyd	0.164g, ultralyd	0.166g, ultralyd	0.160g, ultralyd	0.163g, ultralyd	0.165g, ultralyd	0.162g, ultralyd	0.159g, ultralyd	0.165g, ultralyd	0.159g, ultralyd
Optical Model	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	37.58	36.98	37.38	39.01	38.66	37.2	28.39	35.26	29.73	28.15	26.75	26.63	26.08	24.86	29.06	35.66	36.21
Median:	11.25	11.38	12.35	13.14	12.28	11.79	9.193	9.544	9.792	8.869	8.949	9.311	8.695	8.722	9.787	11.79	10.09
D(3,2):	5.491	5.52	5.784	5.834	5.793	5.709	5.18	5.289	5.323	5.109	5.119	5.191	5.092	5.101	5.434	5.767	5.509
Mean/Median Ratio:	3.342	3.249	3.027	2.969	3.149	3.156	3.088	3.694	3.036	3.174	2.99	2.86	2.999	2.851	2.97	3.024	3.591
Mode:	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	158.2	148.3	144.5	155.7	157.3	150.1	109.2	159.3	111.5	109.1	102.6	98.53	99.96	93.51	105.5	129.1	153.1
S.D.:	61.54	56.8	54.66	59.55	60.55	57.61	41.23	63.28	41.74	41.31	38.68	36.68	37.7	35.02	39.02	47.66	59.66
Variance:	3787	3226	2988	3546	3666	3319	1700	4004	1742	1706	1496	1346	1421	1227	1522	2271	3559
C.V.:	163.7	153.6	146.3	152.7	156.6	154.9	145.2	179.5	140.4	146.8	144.6	137.7	144.6	140.9	134.3	133.6	164.7
Skewness:	4.283	3.342	3.317	3.762	3.779	3.833	2.507	4.682	2.184	2.369	2.371	2.136	2.325	2.264	1.931	1.938	4.069
Kurtosis:	29.23	17.31	19.19	23.96	23.27	24.55	7.755	31.87	4.989	6.121	6.088	4.702	5.543	5.198	3.352	3.937	26.27
d10:	1.941	1.953	2.044	2.049	2.05	2.027	1.906	1.922	1.94	1.89	1.899	1.919	1.901	1.91	1.988	2.061	1.994
d50:	11.25	11.38	12.35	13.14	12.28	11.79	9.193	9.544	9.792	8.869	8.949	9.311	8.695	8.722	9.787	11.79	10.09
d90:	106.3	107.1	109.5	112.7	110.2	107.7	82.4	100.9	86.14	82.36	77.03	78.35	75.58	72.22	85.12	107.1	106.5
Specific Surf. Area	10926	10870	10374	10284	10358	10509	11584	11345	11271	11743	11722	11558	11783	11763	11041	10405	10892
% <																	
10	1.941	1.953	2.044	2.049	2.05	2.027	1.906	1.922	1.94	1.89	1.899	1.919	1.901	1.91	1.988	2.061	1.994
25	4.067	4.115	4.239	4.402	4.274	4.259	3.801	3.88	3.931	3.77	3.829	3.933	3.793	3.834	4.075	4.401	4.121
50	11.25	11.38	12.35	13.14	12.28	11.79	9.193	9.544	9.792	8.869	8.949	9.311	8.695	8.722	9.787	11.79	10.09
75	50.93	49.94	53.58	54.1	52.53	51.06	35.07	40.79	37.86	33.37	31.89	32.95	30.91	29.92	38.45	51.94	46
90	106.3	107.1	109.5	112.7	110.2	107.7	82.4	100.9	86.14	82.36	77.03	78.35	75.58	72.22	85.12	107.1	106.5
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter µm	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
2	10.6	10.4	9.62	9.6	9.57	9.77	11	10.8	10.6	11.1	11	10.8	11	10.9	10.1	9.52	10.1
5	30.3	30	29.2	28.2	29	29.1	32.5	31.9	31.5	32.9	32.5	31.7	32.9	32.6	30.7	28.4	30.3
10	47.9	47.7	46.5	45.5	46.6	47	51.9	51	50.4	52.8	52.7	51.7	53.5	53.5	50.4	47	49.8
15	54.2	54	52.7	51.9	52.9	53.5	58.8	57.6	57.2	59.7	59.9	59.1	60.7	60.8	57.2	53.4	56.2
20	59.1	58.9	57.5	56.9	57.7	58.5	64	62.6	62.4	64.9	65.3	64.5	66	66.3	62.2	58.1	60.9
25	63.3	63.1	61.7	61.3	62	62.9	68.5	66.8	67	69.5	70.1	69.3	70.7	71.2	66.7	62.4	65
50	74.7	75	73.8	73.6	74.1	74.7	80.6	77.8	79.5	81.1	82.3	81.7	82.8	83.5	79.3	74.4	76.2
60	78.1	78.4	77.3	77.1	77.7	78	83.8	80.7	82.9	84.1	85.3	84.8	85.8	86.6	82.7	77.8	79.4
63	79.1	79.5	78.4	78.1	78.7	79	84.7	81.6	83.9	85	86.2	85.8	86.6	87.5	83.7	78.9	80.4
70	81.5	81.8	80.8	80.6	81.2	81.3	86.9	83.8	86.1	87.1	88.3	87.9	88.6	89.5	86	81.3	82.6
75	83.1	83.4	82.4	82.1	82.7	82.9	88.3	85.1	87.5	88.4	89.5	89.2	89.9	90.7	87.5	83	84
90	87	87	86.3	85.9	86.5	86.7	91.4	88.4	90.7	91.3	92.3	92.2	92.5	93.3	90.9	86.9	87.4
125	92.8	92.6	92.5	91.9	92.1	92.6	95.6	92.9	94.7	95	95.6	96.3	95.8	96.6	95.4	92.7	92.4
200	98.2	98.3	98.9	98.3	98	98.6	99.2	98.5	99.4	99.3	99.6	99.9	99.7	99.9	99.9	99	98.5
250	98.8	98.9	99.3	99.1	98.8	99.2	99.7	98.9	99.9	99.9	99.9	100	100	100	100	99.7	99.1
400	99.5	99.7	99.7	99.6	99.6	99.6	100	99.2	100	100	100	100	100	100	100	100	99.5
500	99.6	99.9	99.9	99.7	99.7	99.8	100	99.5	100	100	100	100	100	100	100	100	99.7
1000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

File name:	374.$02	375.$02	376#.$02	377.$02	378.$02	379.$02	380.$02	381.$02	382.$02	383.$02	384.$02	385.$02	386#.$02	387.$02	388.$02	389.$02	390.$02
NGU prøvenr.	**80876**	**80877**	**80878**	**80879**	**80880**	**80881**	**80882**	**80883**	**80884**	**80885**	**80886**	**80887**	**80888**	**80889**	**80890**	**81350**	**81349**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R1261MC020KA 18-19cm	R1261MC020KA 19-20cm	R1261MC020KA 20-21cm	R1261MC020KA 21-22cm	R1261MC020KA 22-23cm	R1261MC020KA 23-24cm	R1261MC020KA 24-25cm	R1261MC020KA 25-26cm	R1261MC020KA 26-27cm	R1261MC020KA 27-28cm	R1261MC020KA 28-29cm	R1261MC020KA 29-30cm	R1261MC020KA 30-31cm	R1261MC020KA 31-32cm	R1261MC020KA 32-33cm	R1261MC020KA 33-34cm	R1261MC020KA 34-35cm
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.158g, ultralyd	0.161g, ultralyd	0.166g, ultralyd	0.163g, ultralyd	0.162g, ultralyd	0.161g, ultralyd	0.165g, ultralyd	0.166g, ultralyd	0.164g, ultralyd	0.163g, ultralyd	0.168g, ultralyd	0.166g, ultralyd	0.161g, ultralyd	0.166g, ultralyd	0.166g, ultralyd	0.167g, ultralyd	0.168g, ultralyd
Optical Model	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	36.11	38.03	34.07	41.69	36.37	33.74	29.97	34.07	26.56	27.45	27.37	21.48	23.75	24.62	21.58	25.81	25.7
Median:	9.673	14.58	10.32	13.73	11.76	11.7	10.24	9.855	8.941	8.851	8.688	7.593	8.475	8.471	7.705	8.402	8.342
D(3,2):	5.568	6.137	5.545	6.037	5.839	5.791	5.482	5.447	5.127	5.119	5.11	4.729	5.121	4.961	4.698	5.046	5.074
Mean/Median Ratio:	3.733	2.608	3.302	3.037	3.094	2.884	2.927	3.458	2.971	3.101	3.15	2.829	2.802	2.907	2.8	3.072	3.08
Mode:	5.878	6.452	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	158.8	128.7	124	163.5	128.8	119.7	108.9	150.1	100.8	106.2	106.8	86.24	90.54	95.79	86.29	100.2	98.53
S.D.:	62.59	46.28	45.87	62.13	47.17	43.84	40.29	59.19	37.89	40.17	40.52	33.04	34.08	36.31	33.02	37.95	37.16
Variance:	3917	2142	2104	3860	2225	1922	1623	3503	1436	1614	1642	1092	1161	1318	1090	1441	1381
C.V.:	173.3	121.7	134.7	149	129.7	130	134.5	173.7	142.6	146.4	148	153.8	143.5	147.5	153	147	144.6
Skewness:	4.492	1.456	1.744	3.651	1.623	1.734	1.916	4.714	2.266	2.335	2.285	2.793	2.486	2.495	2.742	2.505	2.257
Kurtosis:	30.02	1.321	2.323	22.96	1.858	2.394	3.228	33.32	5.207	5.689	5.054	8.516	7.148	6.678	8.086	7.571	5.066
d10:	2.044	2.141	2.002	2.129	2.089	2.079	1.996	1.986	1.902	1.898	1.913	1.826	1.962	1.862	1.801	1.903	1.922
d50:	9.673	14.58	10.32	13.73	11.76	11.7	10.24	9.855	8.941	8.851	8.688	7.593	8.475	8.471	7.705	8.402	8.342
d90:	102.9	112.4	107.8	120.5	113.3	101.9	89.56	95.6	76.76	80.65	81.77	60.41	68.48	70.69	61.64	75.39	76
Specific Surf. Area	10776	9776	10820	9938	10276	10360	10946	11016	11703	11721	11742	12687	11717	12095	12772	11890	11824
% <																	
10	2.044	2.141	2.002	2.129	2.089	2.079	1.996	1.986	1.902	1.898	1.913	1.826	1.962	1.862	1.801	1.903	1.922
25	4.078	4.654	4.12	4.587	4.377	4.367	4.156	4.07	3.858	3.815	3.756	3.463	3.796	3.694	3.503	3.682	3.659
50	9.673	14.58	10.32	13.73	11.76	11.7	10.24	9.855	8.941	8.851	8.688	7.593	8.475	8.471	7.705	8.402	8.342
75	45.38	60.97	47.95	61.24	54.66	48.36	39.02	40.64	32.06	32.06	30.99	23.97	28.25	28.38	23.9	30.33	30.43
90	102.9	112.4	107.8	120.5	113.3	101.9	89.56	95.6	76.76	80.65	81.77	60.41	68.48	70.69	61.64	75.39	76
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter µm	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
2	9.61	8.92	9.98	9.02	9.28	9.36	10	10.1	11	11	10.9	12	10.4	11.4	12.2	11	10.8
5	30.8	26.8	30.3	27.2	28.6	28.6	30.1	30.7	32.3	32.6	33.2	36	33.2	33.6	35.5	33.9	34.2
10	50.7	44.4	49.4	45.1	47.1	47.1	49.5	50.3	52.7	53	53.5	57.8	54.4	54.3	57.4	54.4	54.6
15	57	50.4	55.8	51.2	53.3	53.6	56.4	57	60	60.2	60.8	65.4	62	61.8	65.2	61.4	61.6
20	61.6	54.8	60.4	55.6	57.9	58.5	61.6	61.8	65.3	65.5	66.1	71	67.5	67.4	71	66.7	66.8
25	65.7	58.7	64.5	59.7	62.1	62.9	66.2	66.2	70	70.2	70.8	75.9	72.4	72.4	76	71.3	71.3
50	76.4	70.9	75.6	71.2	73.5	75.6	79	78.1	82.2	81.9	82.3	87.4	84.8	84.3	87.2	82.7	82.7
60	79.6	74.6	78.6	74.6	76.8	79.1	82.2	81.2	85.3	84.8	85	89.9	87.6	87.1	89.6	85.7	85.6
63	80.6	75.8	79.5	75.6	77.8	80.2	83.2	82.2	86.2	85.6	85.8	90.6	88.5	88	90.3	86.6	86.5
70	82.8	78.5	81.7	78.1	80.1	82.6	85.4	84.4	88.3	87.6	87.6	92.2	90.4	89.8	92	88.6	88.5
75	84.3	80.4	83.2	79.7	81.7	84.1	86.8	85.8	89.6	88.8	88.7	93.2	91.6	91	93	89.9	89.7
90	87.8	85	86.9	83.9	85.6	87.8	90.1	89.1	92.4	91.6	91.2	95	94	93.4	94.9	92.6	92.6
125	93	92.4	92.6	90.8	92	93.4	94.9	93.7	95.8	95.2	94.8	96.8	96.9	96.2	96.8	96	96
200	98.4	99.7	99.5	98.4	99.5	99.7	99.8	98.8	99.7	99.5	99.6	99.9	99.9	99.7	99.9	99.7	99.8
250	98.9	100	100	99.1	100	100	100	99.1	100	99.9	100	100	99.9	100	100	99.9	100
400	99.3	100	100	99.5	100	100	100	99.3	100	100	100	100	100	100	100	100	100
500	99.6	100	100	99.7	100	100	100	99.6	100	100	100	100	100	100	100	100	100
1000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

File name:	391.$02	392.$02	393.$02	394.$02	395#.$02	396.$02	397.$02	398.$02	399.$02	400.$02	401.$02	402.$02	403.$02	404.$02	405#.$02	406.$02	407.$02
NGU prøvenr.	**81348**	**81347**	**81346**	**81345**	**81344**	**81343**	**81342**			**81140**	**81141**	**81142**	**81143**	**81144**	**81145**	**81146**	**81147**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R1261MC020KA 35-36cm	R1261MC020KA 36-37cm	R1261MC020KA 37-38cm	R1261MC020KA 38-39cm	R1261MC020KA 39-40cm	R1261MC020KA 40-41cm	R1261MC020KA 41-42cm	Standard Hynne	MINN standard	R1271MC021KA 0-1cm	R1271MC021KA 1-2cm	R1271MC021KA 2-3cm	R1271MC021KA 3-4cm	R1271MC021KA 4-5cm	R1271MC021KA 5-6cm	R1271MC021KA 6-7cm	R1271MC021KA 7-8cm
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.163g, ultralyd	0.165g, ultralyd	0.164g, ultralyd	0.165g, ultralyd	0.166g, ultralyd	0.164g, ultralyd	0.166g, ultralyd	0.220g, ultralyd	0.508g, ultralyd	0.167g, ultralyd	0.162g, ultralyd	0.165g, ultralyd	0.163g, ultralyd	0.161g, ultralyd	0.165g, ultralyd	0.165g, ultralyd	0.167g, ultralyd
Optical Model	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Fraunhofer	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	29.04	29.56	33.75	36.09	25.69	39.28	26.48	81.05	104	24.44	26.74	30.17	31.47	30.48	30.53	29.28	34.66
Median:	9.633	9.621	10.77	12.92	8.754	12.93	8.619	20.17	52.58	7.83	7.844	8.477	8.656	8.78	9.116	8.345	9.696
D(3,2):	5.334	5.314	5.609	5.953	5.105	5.922	5.006	7.426	16.39	5.016	4.965	5.158	5.212	5.239	5.329	5.228	5.73
Mean/Median Ratio:	3.014	3.073	3.132	2.793	2.935	3.037	3.073	4.018	1.977	3.122	3.409	3.559	3.636	3.471	3.349	3.509	3.575
Mode:	5.878	5.878	5.878	5.878	5.878	5.878	5.878	7.083	66.44	5.878	5.878	5.878	5.878	5.878	5.878	5.878	5.878
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	107.6	112.5	124.6	126.2	98.51	155.2	105	370.3	415.1	98.2	107.3	125.4	131.9	121	117.8	114.9	129.1
S.D.:	40.07	42.29	46.34	45.97	37.15	59.16	40.05	147.6	158.8	37.63	41.1	48.6	51.22	46.19	44.54	43.67	48.19
Variance:	1606	1789	2147	2113	1380	3500	1604	21784	25207	1416	1689	2362	2623	2133	1983	1907	2322
C.V.:	138	143.1	137.3	127.4	144.6	150.6	151.2	182.1	152.7	154	153.7	161.1	162.7	151.5	145.9	149.1	139
Skewness:	2.031	2.202	1.947	1.61	2.308	3.279	2.493	3.133	4.154	2.669	2.419	2.635	2.644	2.39	2.145	2.097	1.825
Kurtosis:	3.834	4.828	3.517	1.827	5.285	16.99	6.669	10.64	25.65	8.146	6.155	7.426	7.488	6.174	4.266	3.808	2.643
d10:	1.954	1.948	2.02	2.11	1.913	2.093	1.873	2.518	8.596	1.945	1.906	1.949	1.96	1.953	1.974	1.996	2.135
d50:	9.633	9.621	10.77	12.92	8.754	12.93	8.619	20.17	52.58	7.83	7.844	8.477	8.656	8.78	9.116	8.345	9.696
d90:	85.51	86.91	104.5	111.1	74.78	116.6	77.65	208.8	243.9	71.74	81.9	90.33	96.03	93.96	94.66	96.64	113.2
Specific Surf. Area	11248	11292	10696	10079	11753	10132	11985	8079	3661	11961	12085	11632	11513	11453	11260	11477	10470
% <																	
10	1.954	1.948	2.02	2.11	1.913	2.093	1.873	2.518	8.596	1.945	1.906	1.949	1.96	1.953	1.974	1.996	2.135
25	3.935	3.934	4.174	4.476	3.783	4.461	3.752	5.922	22.3	3.688	3.63	3.819	3.887	3.893	3.989	3.811	4.165
50	9.633	9.621	10.77	12.92	8.754	12.93	8.619	20.17	52.58	7.83	7.844	8.477	8.656	8.78	9.116	8.345	9.696
75	37.09	35.92	45.42	53.84	29.99	53.05	29.11	85.47	115	27.02	29.15	31.31	31.9	34.42	36.02	32.01	46.08
90	85.51	86.91	104.5	111.1	74.78	116.6	77.65	208.8	243.9	71.74	81.9	90.33	96.03	93.96	94.66	96.64	113.2
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
µm																	
2	10.4	10.5	9.83	9.12	10.9	9.25	11.3	6.83	2.13	10.6	11	10.5	10.4	10.5	10.2	10	8.83
5	31.6	31.5	29.8	27.8	32.9	27.9	33.1	21.6	5.64	34.6	34.9	33	32.4	32.3	31.5	33.3	30.4
10	50.8	50.9	48.5	45.6	53.4	45.6	53.9	35.9	11.7	56.9	56.6	54.3	53.7	53.2	52.2	54.8	50.7
15	57.7	57.9	55.2	52.1	60.8	52.2	61.6	43.9	17.2	63.9	63.3	61.2	60.8	59.9	58.9	61.8	56.9
20	62.9	63.2	60.2	57	66.4	57.1	67.3	49.8	22.6	69	68.1	66.3	65.9	64.8	63.8	66.6	61.3
25	67.5	67.8	64.5	61.3	71.2	61.4	72	54.3	27.8	73.5	72.3	70.8	70.5	69.2	68.3	70.8	65.3
50	79.8	80.3	76.5	73.7	83.4	74	83	65.5	48.3	84.7	82.5	81.7	81.1	80.3	80	80.7	76.2
60	83.1	83.4	79.8	77.1	86.1	77.4	85.6	68.4	54.5	87.2	85.1	84.1	83.5	82.9	82.8	83	79
63	84.1	84.3	80.8	78.2	87	78.4	86.4	69.3	56.3	87.9	85.9	84.8	84.3	83.7	83.6	83.8	79.9
70	86.3	86.4	83	80.6	88.9	80.7	88.2	71.3	60	89.6	87.6	86.5	86	85.5	85.4	85.4	81.8
75	87.7	87.6	84.5	82.2	90.1	82.2	89.4	72.7	62.4	90.7	88.7	87.6	87.1	86.7	86.5	86.4	83
90	90.8	90.5	87.7	86	92.6	85.7	92	75.8	68.2	93	91.2	90	89.4	89.5	89.3	89.1	86.1
125	95	94.3	92.8	92.4	95.8	91.2	95.2	80.9	77.2	96	94.8	93.4	92.5	93.4	93.6	93.6	91.8
200	99.8	99.4	99.2	99.6	99.8	98.3	99.5	89.5	87.2	99.5	99.5	98.1	97.8	98.9	99.2	99.5	99.1
250	100	99.9	99.9	100	100	99	99.9	91.8	90.3	99.9	99.9	99.4	99.1	99.6	100	100	100
400	100	100	100	100	100	99.6	100	94.9	94.8	100	100	100	100	100	100	100	100
500	100	100	100	100	100	99.9	100	96.2	96.6	100	100	100	100	100	100	100	100
1000	100	100	100	100	100	100	100	100	99.5	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

NGU Norges geologiske undersøkelse

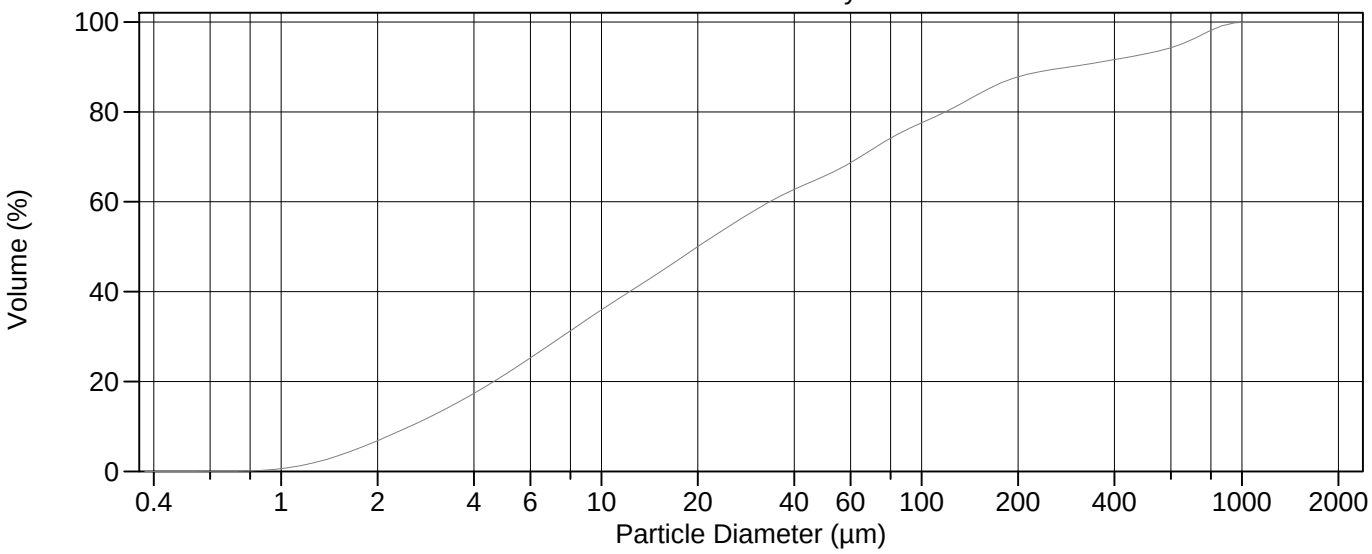
7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Kornfordelingsanalyser: Coulter laser partikkelteller
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017 DEL 2

NORSK AKKREDITERING TEST 020

File name:	408.$02	409.$02	410.$02	411.$02	412.$02	413#.$02	414.$02	415.$02	416.$02	417.$02	418.$02	419.$02	420.$02	421.$02	422#.$02	423.$02	424.$02
NGU prøvenr.	**81148**	**81149**	**81150**	**81151**	**81152**	**81153**	**81154**	**81156**	**81158**	**81160**	**81162**	**81164**	**81166**	**81168**	**81170**	**81172**	**81421**
Group ID:	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017	2014.0017
Sample ID:	R1271MC021KA 8-9cm	R1271MC021KA 9-10cm	R1271MC021KA 10-11cm	R1271MC021KA 11-12cm	R1271MC021KA 12-13cm	R1271MC021KA13-14cm	R1271MC021KA 14-15cm	R1271MC021KA 16-17cm	R1271MC021KA 18-19cm	R1271MC021KA 20-21cm	R1271MC021KA 22-23cm	R1271MC021KA 24-25cm	R1271MC021KA 26-27cm	R1271MC021KA 28-29cm	R1271MC021KA 30-31cm	R1271MC021KA 32-33cm	R1284MC027KA 0-1cm
Operator:	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel	W.Koziel
Comment	0.165g, ultralyd	0.166g, ultralyd	0.167g, ultralyd	0.166g, ultralyd	0.164g, ultralyd	0.173g, ultralyd	0.175g, ultralyd	0.174g, ultralyd	0.172g, ultralyd	0.175g, ultralyd	0.173g, ultralyd	0.174g, ultralyd	0.172g, ultralyd	0.175g, ultralyd	0.170g, ultralyd	0.172g, ultralyd	0.314g, ultralyd
Optical Model	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire	Leire
STATISTISKE PARAMETERE																	
From	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
To	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Volume	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean:	31.58	34.26	34.39	30.32	35	38.6	35.72	37.83	31.27	31.33	36.94	33.28	37.47	36.85	32.75	34.19	80.77
Median:	9.413	9.746	9.694	9.145	10.46	12.12	10.9	12.46	10.48	10.04	13.2	11.68	14.09	14.9	10.21	13.14	63.76
D(3,2):	5.466	5.569	5.53	5.34	5.74	5.983	5.833	6.005	5.609	5.574	5.99	5.794	6.169	6.179	5.542	6.021	11.28
Mean/Median Ratio:	3.355	3.516	3.548	3.315	3.345	3.184	3.278	3.037	2.985	3.119	2.799	2.848	2.659	2.473	3.208	2.602	1.267
Mode:	5.878	5.878	5.878	5.878	5.878	5.878	6.452	5.878	6.452	5.878	6.452	6.452	6.452	5.878	5.878	5.878	96.49
95% Conf. Limits:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% Conf. Limits:	117.8	130	130.5	116.7	129.6	137.6	132.9	135.7	117	119	131.1	121.8	131.7	126.9	118.8	119.7	259.3
S.D.:	43.99	48.82	49.03	44.1	48.27	50.52	49.56	49.91	43.73	44.74	48.05	45.14	48.09	45.93	43.89	43.65	91.07
Variance:	1935	2384	2404	1945	2330	2552	2456	2491	1913	2002	2309	2038	2313	2109	1927	1905	8294
C.V.:	139.3	142.5	142.6	145.5	137.9	130.9	138.7	131.9	139.9	142.8	130.1	135.6	128.3	124.6	134	127.7	112.8
Skewness:	1.882	1.925	1.87	2.084	1.835	1.606	1.853	1.696	2.046	2.11	1.709	1.929	1.665	1.602	1.77	1.725	2.832
Kurtosis:	2.87	3.054	2.73	3.835	2.711	1.741	2.746	2.176	3.779	4.142	2.328	3.252	2.075	1.885	2.496	2.392	11.08
d10:	2.024	2.054	2.056	1.99	2.101	2.147	2.119	2.148	2.05	2.05	2.126	2.09	2.186	2.164	2.018	2.159	3.45
d50:	9.413	9.746	9.694	9.145	10.46	12.12	10.9	12.46	10.48	10.04	13.2	11.68	14.09	14.9	10.21	13.14	63.76
d90:	102.5	113.4	116.6	98.34	113.5	122.3	116.9	119.1	97.42	97.84	113.8	103.6	116.3	110.8	102.8	103.4	161.8
Specific Surf. Area	10977	10774	10849	11236	10452	10028	10286	9992	10697	10765	10016	10356	9726	9711	10827	9965	5319
% <																	
10	2.024	2.054	2.056	1.99	2.101	2.147	2.119	2.148	2.05	2.05	2.126	2.09	2.186	2.164	2.018	2.159	3.45
25	4.068	4.194	4.173	4.065	4.285	4.471	4.419	4.544	4.258	4.166	4.601	4.449	4.726	4.735	4.066	4.605	16.45
50	9.413	9.746	9.694	9.145	10.46	12.12	10.9	12.46	10.48	10.04	13.2	11.68	14.09	14.9	10.21	13.14	63.76
75	39.6	41.81	41.59	34.64	45.82	56.47	45.07	53.82	37.67	37.13	52.98	42.62	53.48	54.39	45.78	48.18	109.4
90	102.5	113.4	116.6	98.34	113.5	122.3	116.9	119.1	97.42	97.84	113.8	103.6	116.3	110.8	102.8	103.4	161.8
INTERPOLASJON																	
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Particle diameter µm	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <	% <
2	9.79	9.55	9.54	10.1	9.17	8.85	9.06	8.86	9.59	9.57	9.05	9.29	8.62	8.77	9.84	8.8	4.75
5	31	30.1	30.2	31	29.3	28	28.4	27.6	29.4	30.1	27.1	28.1	26.4	26.4	30.7	27.1	13.9
10	51.4	50.6	50.7	52.2	49.1	46.7	48.2	46.2	49	49.9	45	46.9	44.2	43.6	49.6	45.3	20.8
15	57.9	57.1	57.8	59.3	55.6	52.9	54.9	52.6	56.2	57	52	54.1	51	50.1	56	52	24.1
20	62.6	61.8	62.5	64.4	60.3	57.4	60	57.4	61.6	62.4	57.2	59.5	56	55.2	60.7	57.1	27.1
25	66.9	66.2	66.8	68.9	64.7	61.5	64.6	61.8	66.5	67.2	61.7	64.4	60.6	59.7	65	61.8	29.9
50	78.4	77.5	77.2	80.4	76.3	73	76.5	73.8	79.5	79.6	74	77.6	73.8	73.4	76.4	75.7	42.2
60	81.2	80.1	79.7	82.9	79.1	76	79.2	76.9	82.5	82.4	77.2	80.9	77.2	77	79.7	79.4	47.8
63	82	80.9	80.5	83.6	80	76.9	80	77.8	83.3	83.2	78.1	81.8	78.2	78	80.7	80.4	49.5
70	83.9	82.5	82.1	85.2	81.8	78.8	81.7	79.8	85.1	85	80.2	83.8	80.3	80.3	82.8	82.6	53.8
75	85	83.6	83.2	86.2	83	80.1	82.8	81	86.3	86.1	81.5	85	81.7	81.8	84.2	84.1	56.9
90	88	86.4	86	88.8	86.1	83.5	85.6	84.4	88.9	88.8	85.1	87.9	85.1	85.6	87.6	87.5	65.6
125	93.3	91.7	91.3	93.4	91.8	90.5	91.2	91	93.6	93.5	92	93	91.5	92.6	93.6	93.5	80.9
200	99.6	98.9	99	99.4	99.1	99	98.8	98.9	99.4	99.2	99.1	99.3	99.2	99.5	99.7	99.7	94.3
250	100	99.9	99.9	100	99.9	100	99.9	99.9	100	99.9	99.9	100	100	100	100	100	96.3
400	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	97.6
500	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	98.9
1000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

2014.0017 - stand.Hynne



Volume Statistics (Arithmetic) 1.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	99.09 µm	95% Conf. Limits:	0-473.8 µm
Median:	20.00 µm	S.D.:	191.2 µm
D(3,2):	7.426 µm	Variance:	36546 μm^2
Mean/Median Ratio:	4.954	C.V.:	193%
Mode:	7.776 µm	Skewness:	2.752 Right skewed
d_{10}:	2.521 µm	Kurtosis:	6.896 Leptokurtic
d_{50}:	20.00 µm		
d_{90}:	289.5 µm		
Specific Surf. Area	8080 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.521	5.935	20.00	83.93	289.5

1.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.84	500.0	92.9
5.000	21.5	1000	99.9
10.00	35.9	2000	100
15.00	44.0		
20.00	50.0		
25.00	54.5		
50.00	65.8		
60.00	68.7		
63.00	69.6		
70.00	71.7		
75.00	73.0		
90.00	76.1		
125.0	80.8		
200.0	87.8		
250.0	89.3		
400.0	91.6		

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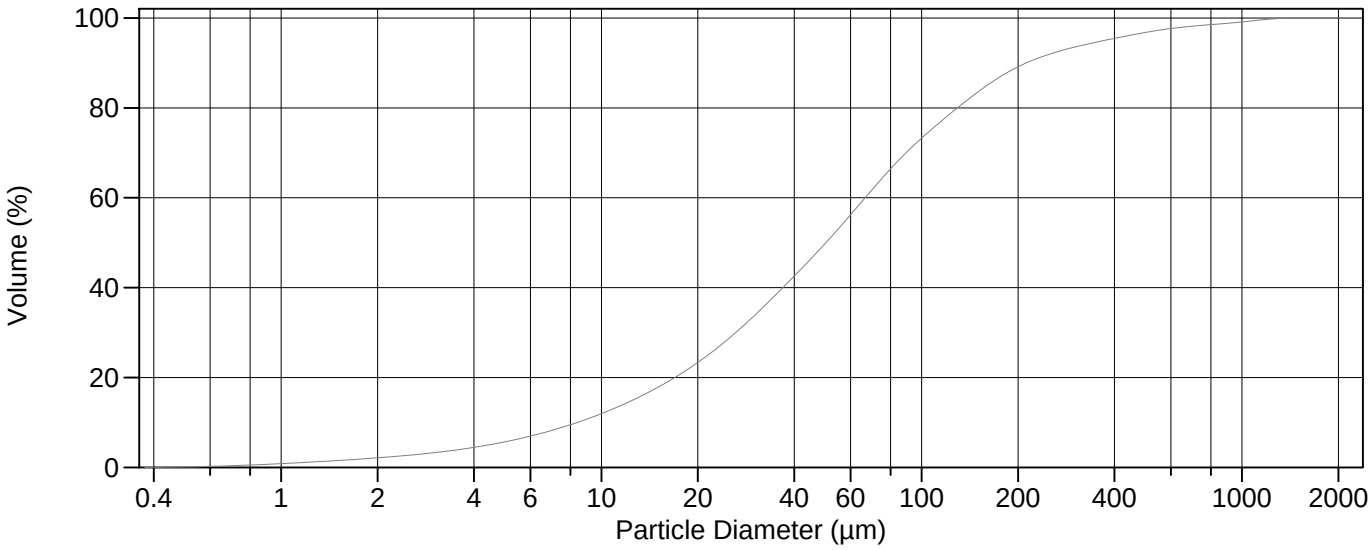

Volume Statistics (Arithmetic) 2.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	99.55 µm	95% Conf. Limits:	0-415.6 µm
Median:	50.27 µm	S.D.:	161.2 µm
D(3,2):	16.10 µm	Variance:	25994 µm^2
Mean/Median Ratio:	1.980	C.V.:	162%
Mode:	66.44 µm	Skewness:	4.152 Right skewed
d_{10}:	8.413 µm	Kurtosis:	21.22 Leptokurtic
d_{50}:	50.27 µm		
d_{90}:	212.0 µm		
Specific Surf. Area	3726 cm^2/ml		

% <	10	25	50	75	90
Size µm	8.413	21.53	50.27	106.6	212.0

2.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	2.13	500.0	96.8
5.000	5.69	1000	99.1
10.00	12.0	2000	100
15.00	17.8		
20.00	23.3		
25.00	28.7		
50.00	49.8		
60.00	56.2		
63.00	58.0		
70.00	61.8		
75.00	64.2		
90.00	70.2		
125.0	79.1		
200.0	89.1		
250.0	91.9		
400.0	95.5		

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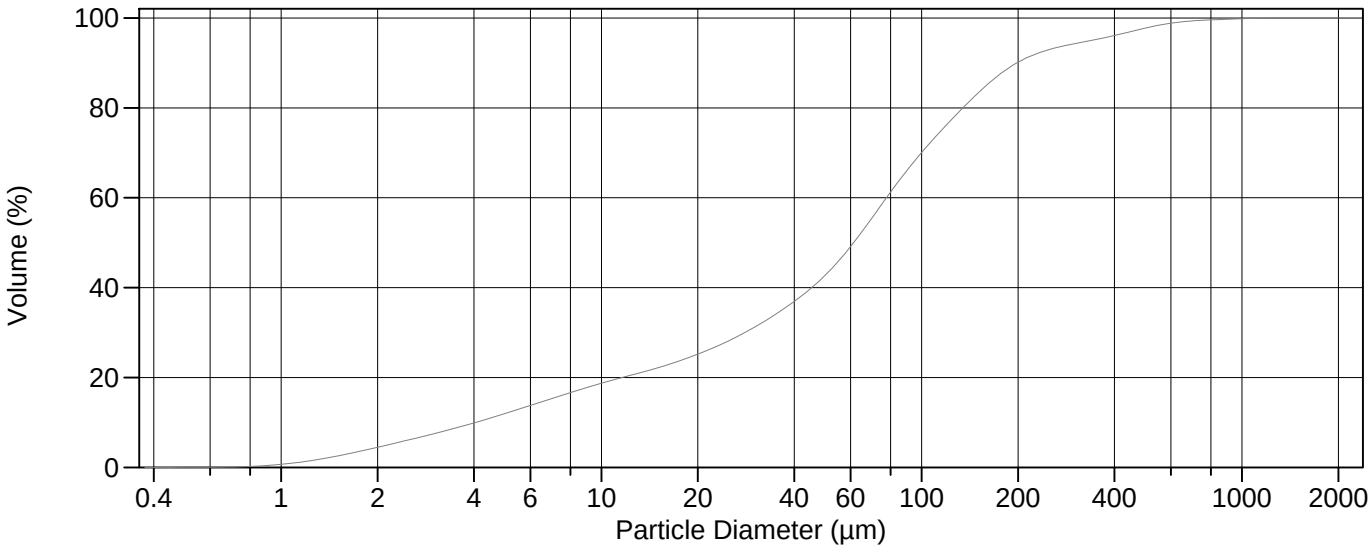

Volume Statistics (Arithmetic) 3.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	94.11 µm	95% Conf. Limits:	0-337.1 µm
Median:	61.35 µm	S.D.:	124.0 µm
D(3,2):	11.94 µm	Variance:	15376 μm^2
Mean/Median Ratio:	1.534	C.V.:	132%
Mode:	72.95 µm	Skewness:	3.371 Right skewed
d_{10}:	4.046 µm	Kurtosis:	15.82 Leptokurtic
d_{50}:	61.35 µm		
d_{90}:	198.4 µm		
Specific Surf. Area	5024 cm^2/ml		

% <	10	25	50	75	90
Size µm	4.046	19.68	61.35	115.4	198.4

3.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	4.47	500.0	97.8
5.000	12.0	1000	99.8
10.00	18.7	2000	100
15.00	22.2		
20.00	25.2		
25.00	28.2		
50.00	42.8		
60.00	49.1		
63.00	51.1		
70.00	55.5		
75.00	58.5		
90.00	66.1		
125.0	77.6		
200.0	90.1		
250.0	93.0		
400.0	96.1		

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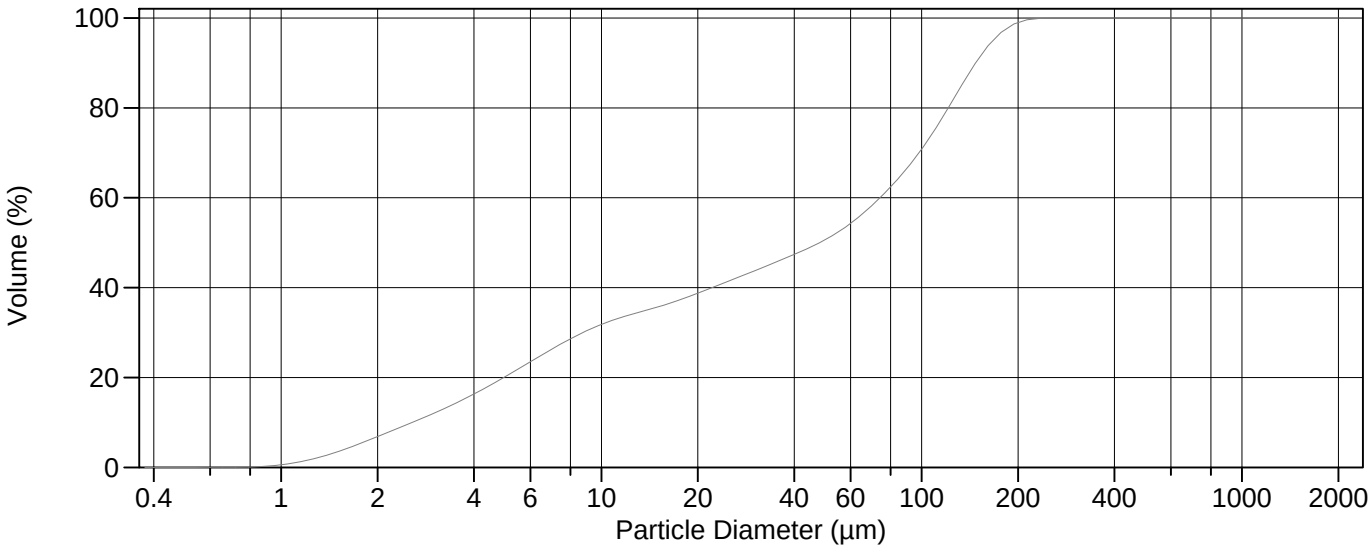


Volume Statistics (Arithmetic) 4.$02

Calculations from 0.375 µm to 2000 µm

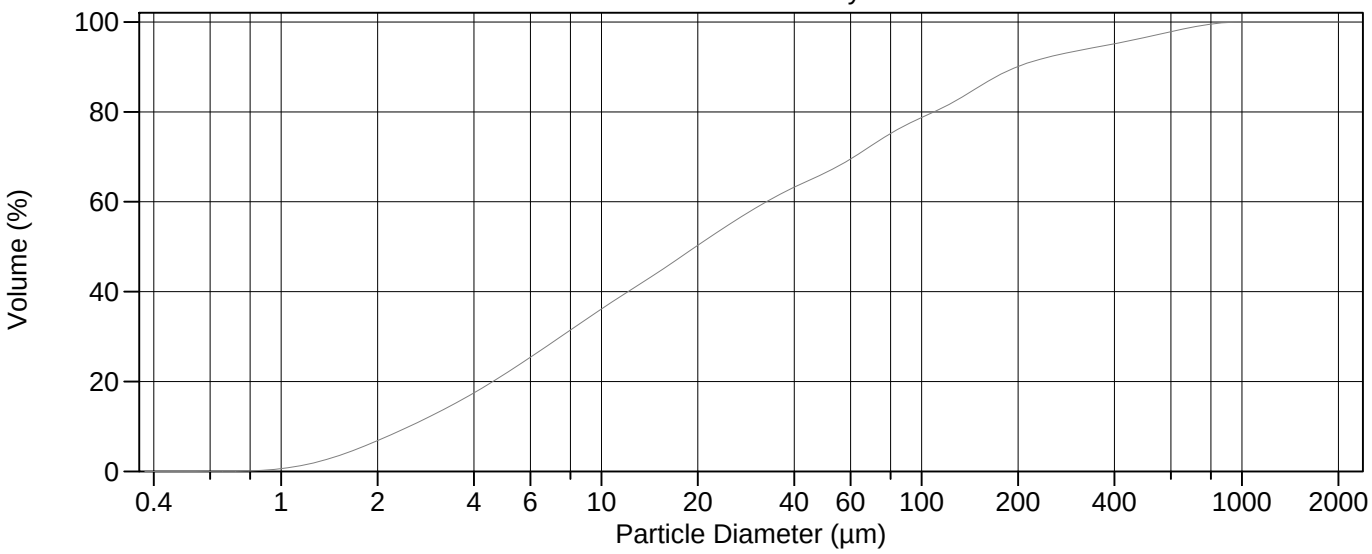
Volume	100.0%		
Mean:	62.26 µm	95% Conf. Limits:	0-176.2 µm
Median:	48.02 µm	S.D.:	58.13 µm
D(3,2):	8.174 µm	Variance:	3379 μm^2
Mean/Median Ratio:	1.296	C.V.:	93.4%
Mode:	127.6 µm	Skewness:	0.616 Right skewed
d_{10}:	2.565 µm	Kurtosis:	-0.811 Platykurtic
d_{50}:	48.02 µm		
d_{90}:	147.3 µm		
Specific Surf. Area	7340 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.565	6.512	48.02	109.6	147.3

4.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.86	500.0	100
5.000	20.1	1000	100
10.00	31.8	2000	100
15.00	35.7		
20.00	38.8		
25.00	41.5		
50.00	50.7		
60.00	54.3		
63.00	55.5		
70.00	58.3		
75.00	60.4		
90.00	66.6		
125.0	81.6		
200.0	99.0		
250.0	100.0		
400.0	100		

2014.0017 - stand. Hynne



Volume Statistics (Arithmetic) 5.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	76.90 µm	95% Conf. Limits:	0-351.9 µm
Median:	19.73 µm	S.D.:	140.3 µm
D(3,2):	7.381 µm	Variance:	19689 µm^2
Mean/Median Ratio:	3.897	C.V.:	182%
Mode:	18.00 µm	Skewness:	3.170 Right skewed
d_{10}:	2.512 µm	Kurtosis:	11.01 Leptokurtic
d_{50}:	19.73 µm		
d_{90}:	198.5 µm		
Specific Surf. Area	8129 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.512	5.893	19.73	79.18	198.5

5.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.85	500.0	96.6
5.000	21.7	1000	100.0
10.00	36.1	2000	100
15.00	44.2		
20.00	50.3		
25.00	54.9		
50.00	66.4		
60.00	69.5		
63.00	70.5		
70.00	72.6		
75.00	74.0		
90.00	77.2		
125.0	82.1		
200.0	90.1		
250.0	92.2		
400.0	95.2		

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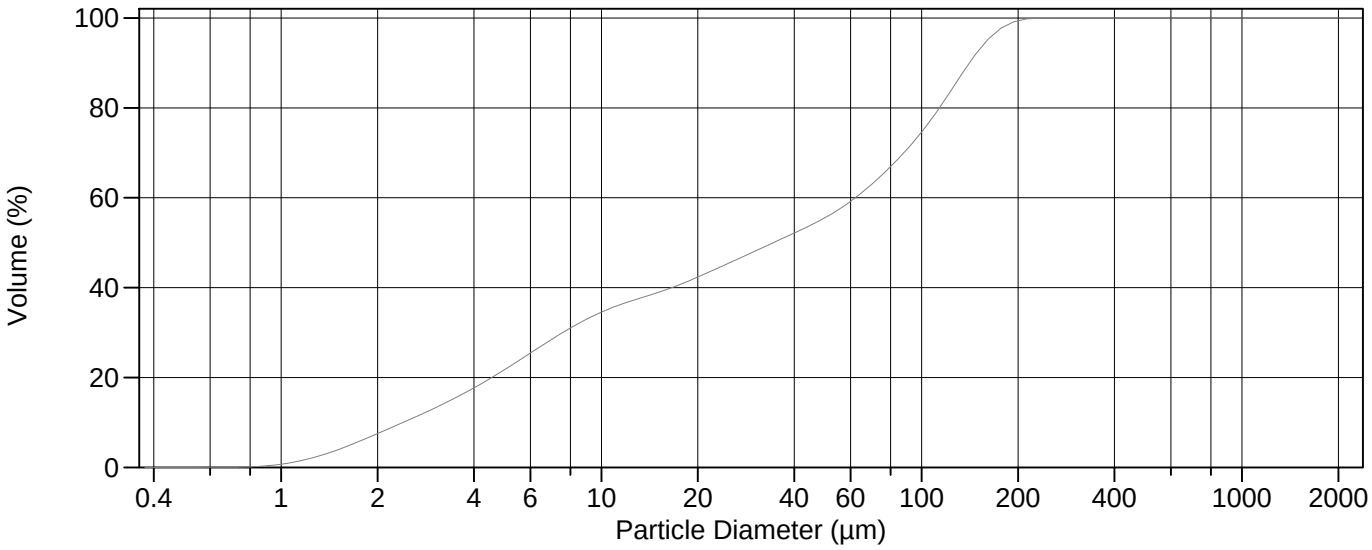

Volume Statistics (Arithmetic) 6.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	56.19 µm	95% Conf. Limits:	0-165.5 µm
Median:	34.42 µm	S.D.:	55.77 µm
D(3,2):	7.521 µm	Variance:	3110 μm^2
Mean/Median Ratio:	1.632	C.V.:	99.2%
Mode:	127.6 µm	Skewness:	0.752 Right skewed
d_{10}:	2.401 µm	Kurtosis:	-0.647 Platykurtic
d_{50}:	34.42 µm		
d_{90}:	141.1 µm		
Specific Surf. Area	7978 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.401	5.872	34.42	101.0	141.1

6.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.53	500.0	100
5.000	21.8	1000	100
10.00	34.5	2000	100
15.00	38.9		
20.00	42.4		
25.00	45.5		
50.00	55.6		
60.00	59.2		
63.00	60.4		
70.00	63.1		
75.00	65.0		
90.00	70.8		
125.0	84.4		
200.0	99.4		
250.0	100.0		
400.0	100		

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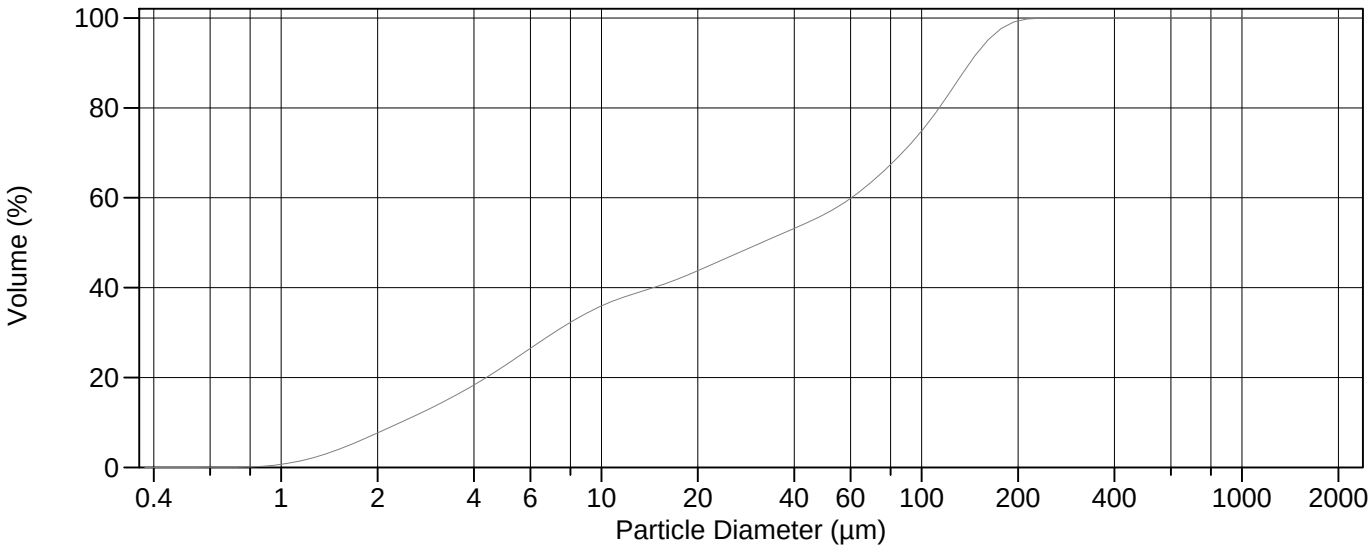

Volume Statistics (Arithmetic) 7.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	55.44 µm	95% Conf. Limits:	0-165.5 µm
Median:	31.60 µm	S.D.:	56.14 µm
D(3,2):	7.329 µm	Variance:	3151 μm^2
Mean/Median Ratio:	1.754	C.V.:	101%
Mode:	127.6 µm	Skewness:	0.781 Right skewed
d_{10}:	2.360 µm	Kurtosis:	-0.614 Platykurtic
d_{50}:	31.60 µm		
d_{90}:	141.5 µm		
Specific Surf. Area	8187 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.360	5.591	31.60	100.4	141.5

7.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.68	500.0	100
5.000	22.7	1000	100
10.00	35.9	2000	100
15.00	40.3		
20.00	43.8		
25.00	46.8		
50.00	56.4		
60.00	59.9		
63.00	61.0		
70.00	63.6		
75.00	65.5		
90.00	71.1		
125.0	84.4		
200.0	99.3		
250.0	100.0		
400.0	100		

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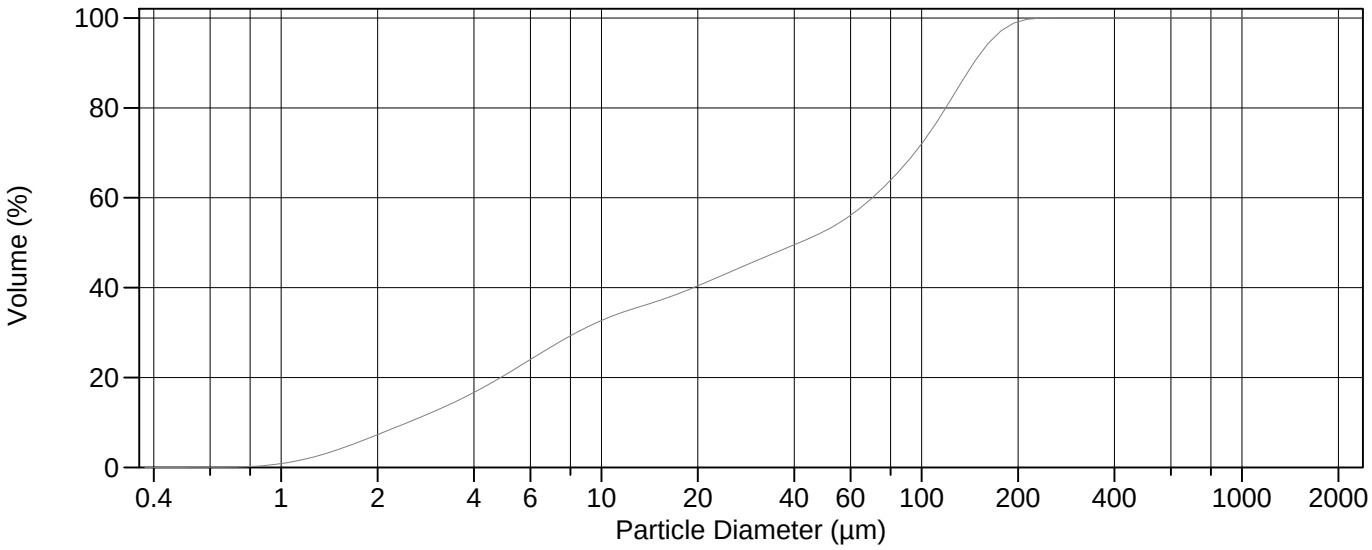

Volume Statistics (Arithmetic) 8#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	60.03 µm	95% Conf. Limits:	0-172.7 µm
Median:	41.48 µm	S.D.:	57.50 µm
D(3,2):	7.814 µm	Variance:	3306 μm^2
Mean/Median Ratio:	1.447	C.V.:	95.8%
Mode:	127.6 µm	Skewness:	0.662 Right skewed
d_{10}:	2.487 µm	Kurtosis:	-0.779 Platykurtic
d_{50}:	41.48 µm		
d_{90}:	145.4 µm		
Specific Surf. Area	7678 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.487	6.329	41.48	107.1	145.4

8#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.29	500.0	100
5.000	20.6	1000	100
10.00	32.7	2000	100
15.00	37.0		
20.00	40.4		
25.00	43.4		
50.00	52.7		
60.00	56.1		
63.00	57.2		
70.00	60.0		
75.00	61.9		
90.00	67.9		
125.0	82.5		
200.0	99.1		
250.0	100.0		
400.0	100		

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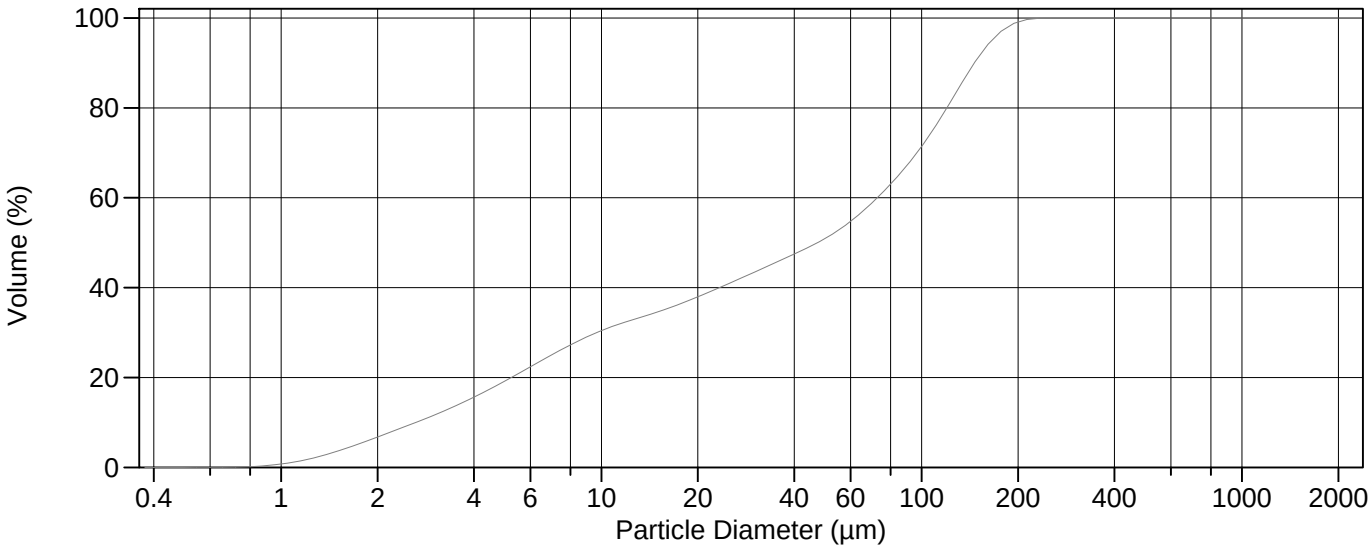

Volume Statistics (Arithmetic) 9.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	61.81 µm	95% Conf. Limits:	0-174.1 µm
Median:	47.25 µm	S.D.:	57.28 µm
D(3,2):	8.317 µm	Variance:	3280 μm^2
Mean/Median Ratio:	1.308	C.V.:	92.7%
Mode:	127.6 µm	Skewness:	0.624 Right skewed
d_{10}:	2.632 µm	Kurtosis:	-0.797 Platykurtic
d_{50}:	47.25 µm		
d_{90}:	146.0 µm		
Specific Surf. Area	7214 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.632	6.979	47.25	108.3	146.0

9.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.76	500.0	100
5.000	19.2	1000	100
10.00	30.4	2000	100
15.00	34.6		
20.00	38.0		
25.00	40.9		
50.00	51.0		
60.00	54.8		
63.00	56.0		
70.00	58.9		
75.00	61.0		
90.00	67.2		
125.0	82.1		
200.0	99.1		
250.0	100.0		
400.0	100		

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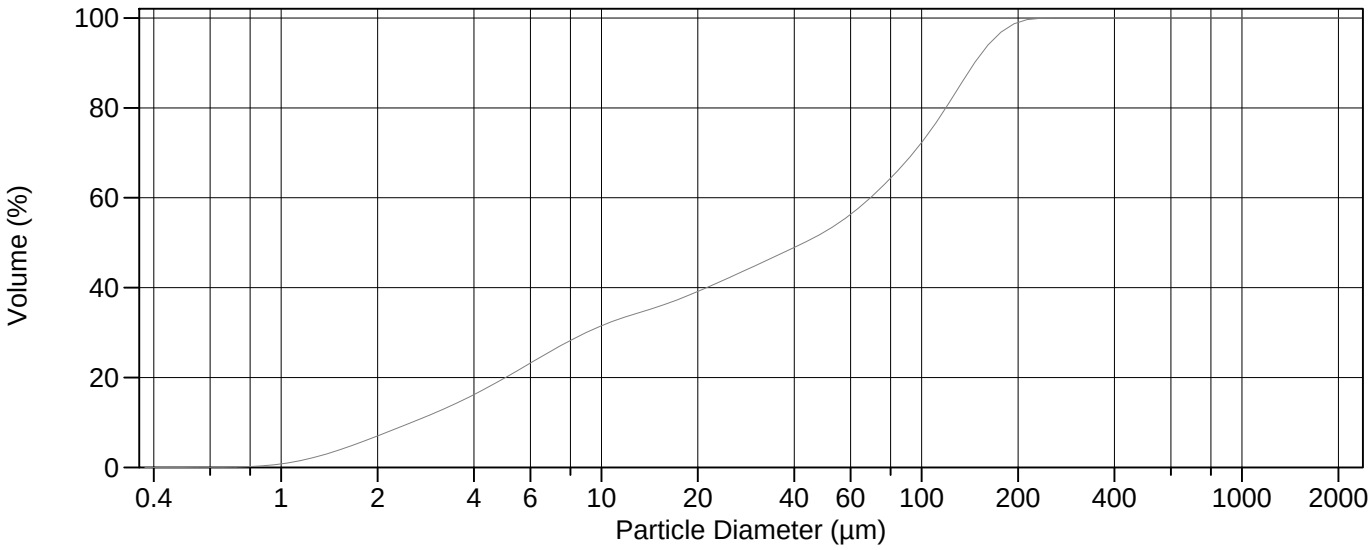

Volume Statistics (Arithmetic) 10.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	60.49 µm	95% Conf. Limits:	0-173.3 µm
Median:	42.92 µm	S.D.:	57.54 µm
D(3,2):	8.053 µm	Variance:	3311 μm^2
Mean/Median Ratio:	1.409	C.V.:	95.1%
Mode:	127.6 µm	Skewness:	0.686 Right skewed
d_{10}:	2.556 µm	Kurtosis:	-0.709 Platykurtic
d_{50}:	42.92 µm		
d_{90}:	146.2 µm		
Specific Surf. Area	7450 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.556	6.625	42.92	106.7	146.2

10.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.01	500.0	100
5.000	19.9	1000	100
10.00	31.5	2000	100
15.00	35.7		
20.00	39.1		
25.00	42.2		
50.00	52.5		
60.00	56.3		
63.00	57.5		
70.00	60.4		
75.00	62.4		
90.00	68.3		
125.0	82.4		
200.0	99.0		
250.0	100.0		
400.0	100		

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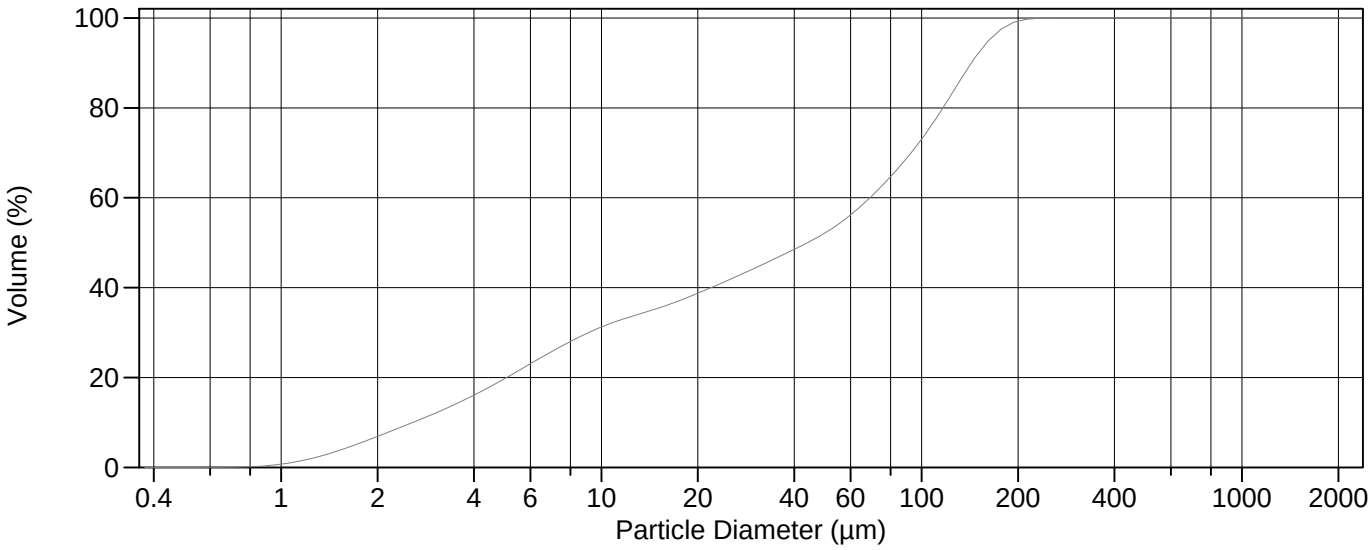

Volume Statistics (Arithmetic) 11.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	59.69 µm	95% Conf. Limits:	0-169.5 µm
Median:	44.02 µm	S.D.:	56.04 µm
D(3,2):	8.146 µm	Variance:	3140 μm^2
Mean/Median Ratio:	1.356	C.V.:	93.9%
Mode:	127.6 µm	Skewness:	0.662 Right skewed
d_{10}:	2.579 µm	Kurtosis:	-0.737 Platykurtic
d_{50}:	44.02 µm		
d_{90}:	143.1 µm		
Specific Surf. Area	7366 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.579	6.689	44.02	104.6	143.1

11.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.90	500.0	100
5.000	19.8	1000	100
10.00	31.2	2000	100
15.00	35.4		
20.00	38.7		
25.00	41.7		
50.00	52.2		
60.00	56.2		
63.00	57.4		
70.00	60.4		
75.00	62.6		
90.00	68.9		
125.0	83.5		
200.0	99.3		
250.0	100.0		
400.0	100		

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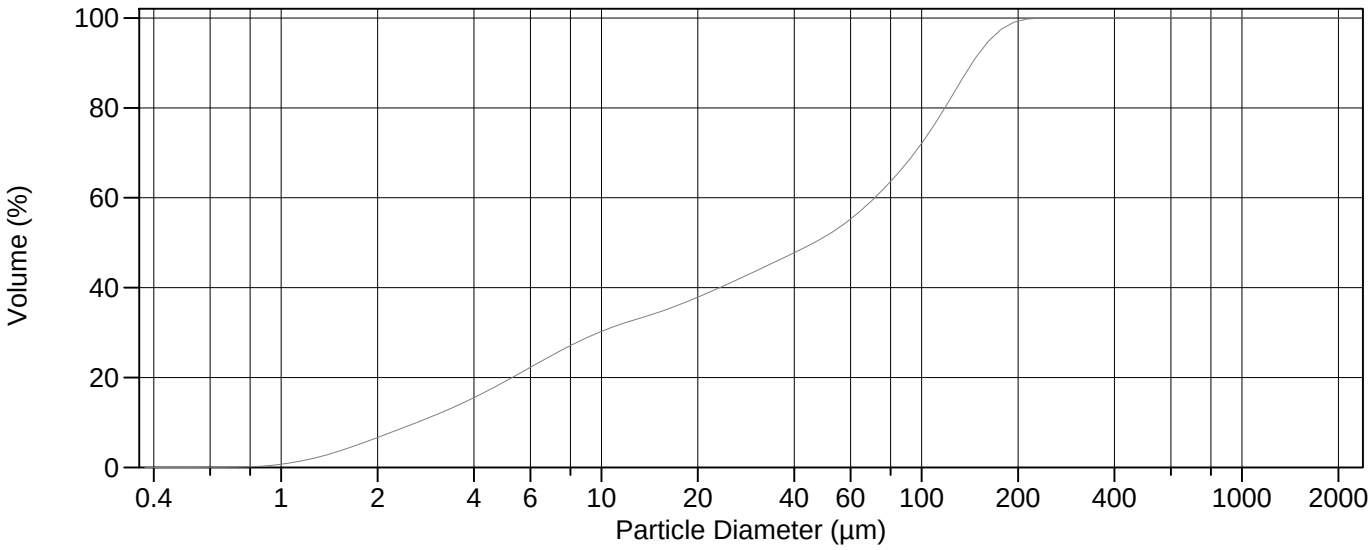

Volume Statistics (Arithmetic) 12#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	60.88 µm	95% Conf. Limits:	0-171.2 µm
Median:	46.16 µm	S.D.:	56.28 µm
D(3,2):	8.383 µm	Variance:	3168 μm^2
Mean/Median Ratio:	1.319	C.V.:	92.4%
Mode:	127.6 µm	Skewness:	0.625 Right skewed
d_{10}:	2.655 µm	Kurtosis:	-0.800 Platykurtic
d_{50}:	46.16 µm		
d_{90}:	144.0 µm		
Specific Surf. Area	7157 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.655	7.041	46.16	106.7	144.0

12#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.65	500.0	100
5.000	19.1	1000	100
10.00	30.3	2000	100
15.00	34.5		
20.00	37.9		
25.00	40.9		
50.00	51.4		
60.00	55.3		
63.00	56.5		
70.00	59.4		
75.00	61.5		
90.00	67.8		
125.0	82.9		
200.0	99.3		
250.0	100.0		
400.0	100		

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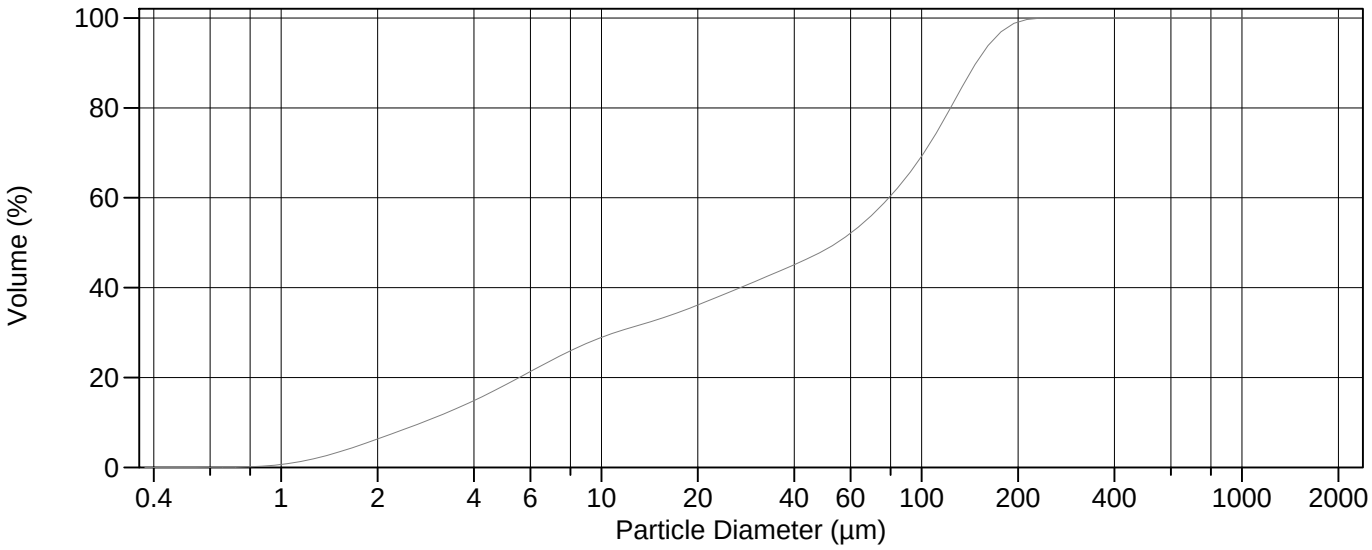

Volume Statistics (Arithmetic) 13.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	64.76 µm	95% Conf. Limits:	0-178.0 µm
Median:	54.40 µm	S.D.:	57.78 µm
D(3,2):	8.767 µm	Variance:	3339 μm^2
Mean/Median Ratio:	1.190	C.V.:	89.2%
Mode:	127.6 µm	Skewness:	0.531 Right skewed
d_{10}:	2.760 µm	Kurtosis:	-0.917 Platykurtic
d_{50}:	54.40 µm		
d_{90}:	148.0 µm		
Specific Surf. Area	6844 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.760	7.526	54.40	112.3	148.0

13.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.33	500.0	100
5.000	18.3	1000	100
10.00	28.9	2000	100
15.00	32.9		
20.00	36.1		
25.00	39.0		
50.00	48.4		
60.00	52.1		
63.00	53.3		
70.00	56.2		
75.00	58.3		
90.00	64.8		
125.0	80.9		
200.0	99.1		
250.0	100.0		
400.0	100		

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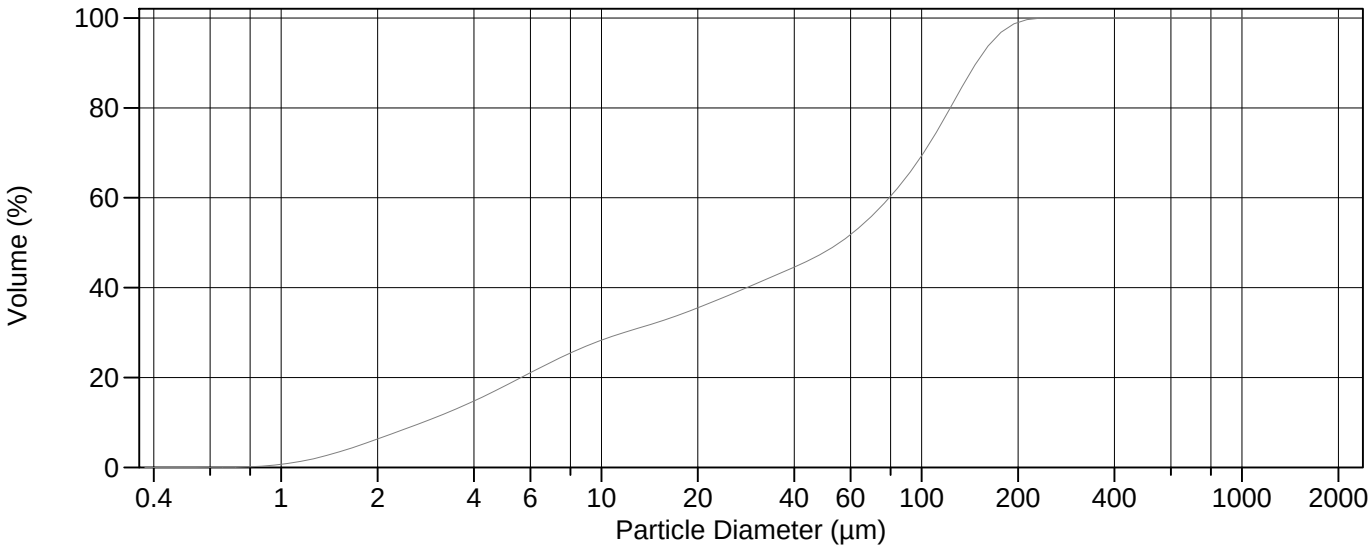

Volume Statistics (Arithmetic) 14.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	65.11 µm	95% Conf. Limits:	0-178.2 µm
Median:	55.44 µm	S.D.:	57.71 µm
D(3,2):	8.839 µm	Variance:	3331 μm^2
Mean/Median Ratio:	1.175	C.V.:	88.6%
Mode:	127.6 µm	Skewness:	0.534 Right skewed
d_{10}:	2.765 µm	Kurtosis:	-0.888 Platykurtic
d_{50}:	55.44 µm		
d_{90}:	148.1 µm		
Specific Surf. Area	6788 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.765	7.763	55.44	112.1	148.1

14.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.32	500.0	100
5.000	18.1	1000	100
10.00	28.3	2000	100
15.00	32.3		
20.00	35.5		
25.00	38.3		
50.00	48.0		
60.00	51.8		
63.00	53.0		
70.00	56.0		
75.00	58.2		
90.00	64.8		
125.0	80.9		
200.0	99.0		
250.0	100.0		
400.0	100		

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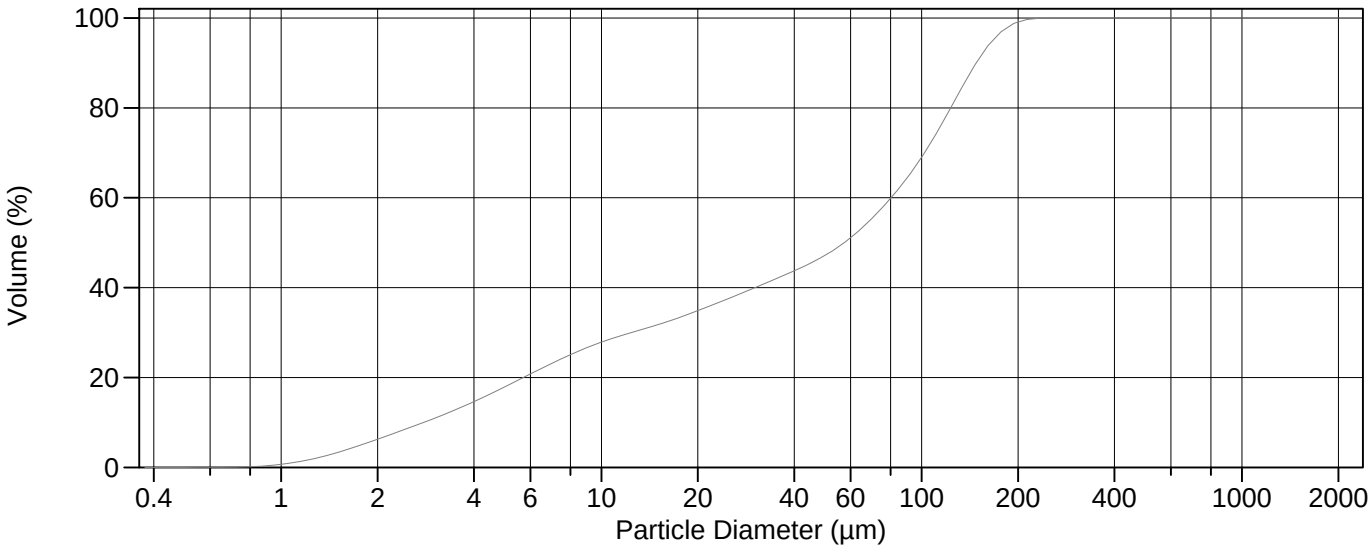

Volume Statistics (Arithmetic) 15.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	65.70 µm	95% Conf. Limits:	0-178.4 µm
Median:	57.31 µm	S.D.:	57.48 µm
D(3,2):	8.936 µm	Variance:	3304 µm^2
Mean/Median Ratio:	1.146	C.V.:	87.5%
Mode:	127.6 µm	Skewness:	0.506 Right skewed
d_{10}:	2.785 µm	Kurtosis:	-0.921 Platykurtic
d_{50}:	57.31 µm		
d_{90}:	148.0 µm		
Specific Surf. Area	6715 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.785	7.958	57.31	112.6	148.0

15.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.27	500.0	100
5.000	17.9	1000	100
10.00	27.9	2000	100
15.00	31.7		
20.00	34.9		
25.00	37.6		
50.00	47.2		
60.00	51.1		
63.00	52.4		
70.00	55.4		
75.00	57.7		
90.00	64.4		
125.0	80.8		
200.0	99.1		
250.0	100.0		
400.0	100		

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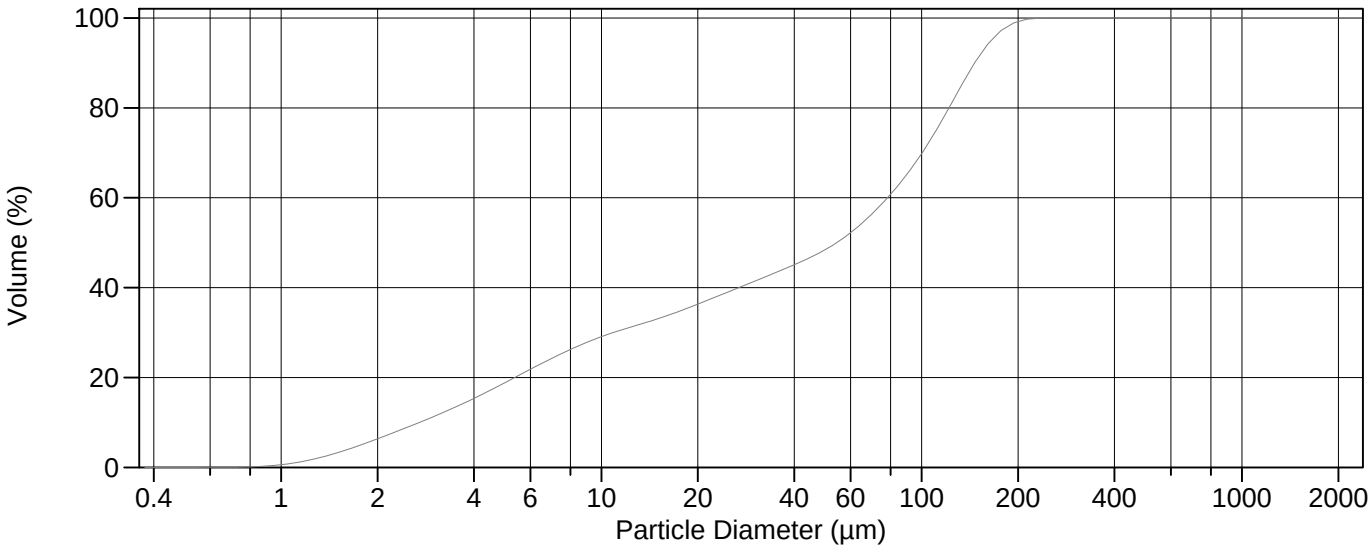

Volume Statistics (Arithmetic) 16.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	64.09 µm	95% Conf. Limits:	0-176.1 µm
Median:	54.30 µm	S.D.:	57.17 µm
D(3,2):	8.689 µm	Variance:	3268 µm^2
Mean/Median Ratio:	1.180	C.V.:	89.2%
Mode:	127.6 µm	Skewness:	0.530 Right skewed
d_{10}:	2.701 µm	Kurtosis:	-0.915 Platykurtic
d_{50}:	54.30 µm		
d_{90}:	146.3 µm		
Specific Surf. Area	6906 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.701	7.347	54.30	111.0	146.3

16.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.38	500.0	100
5.000	18.8	1000	100
10.00	29.1	2000	100
15.00	33.1		
20.00	36.3		
25.00	39.1		
50.00	48.4		
60.00	52.2		
63.00	53.5		
70.00	56.4		
75.00	58.6		
90.00	65.3		
125.0	81.5		
200.0	99.2		
250.0	100.0		
400.0	100		

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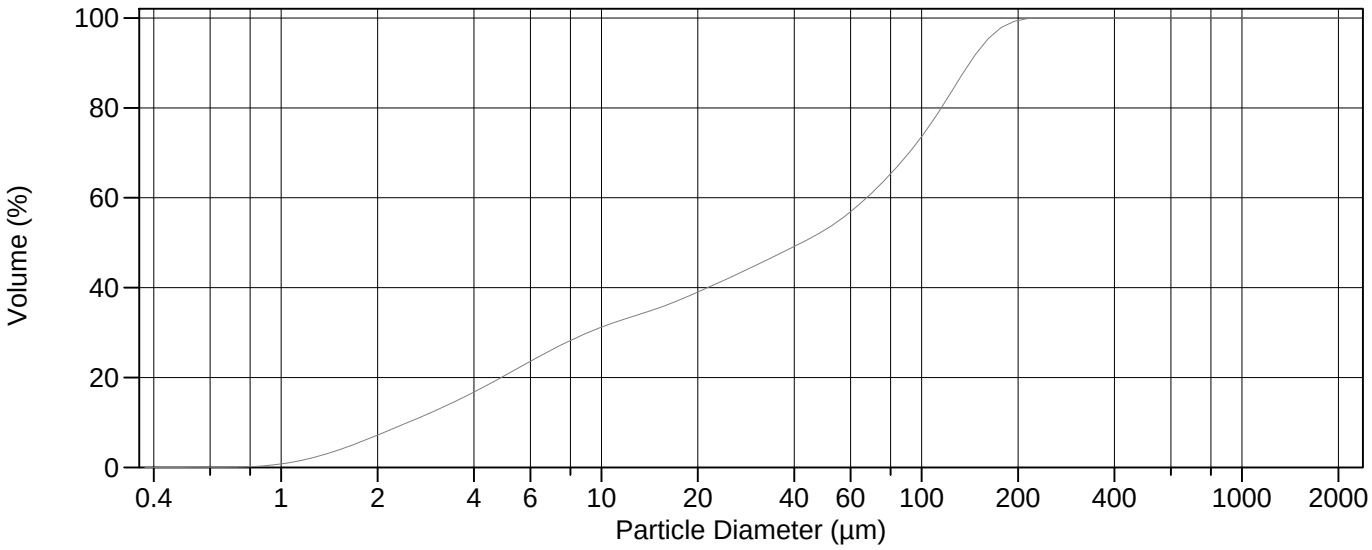

Volume Statistics (Arithmetic) 17.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	58.67 µm	95% Conf. Limits:	0-167.0 µm
Median:	42.21 µm	S.D.:	55.29 µm
D(3,2):	7.951 µm	Variance:	3057 μm^2
Mean/Median Ratio:	1.390	C.V.:	94.2%
Mode:	127.6 µm	Skewness:	0.665 Right skewed
d_{10}:	2.490 µm	Kurtosis:	-0.752 Platykurtic
d_{50}:	42.21 µm		
d_{90}:	141.4 µm		
Specific Surf. Area	7546 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.490	6.525	42.21	103.3	141.4

17.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.19	500.0	100
5.000	20.4	1000	100
10.00	31.2	2000	100
15.00	35.4		
20.00	39.0		
25.00	42.1		
50.00	52.9		
60.00	56.9		
63.00	58.1		
70.00	61.1		
75.00	63.3		
90.00	69.5		
125.0	84.0		
200.0	99.4		
250.0	100.0		
400.0	100		

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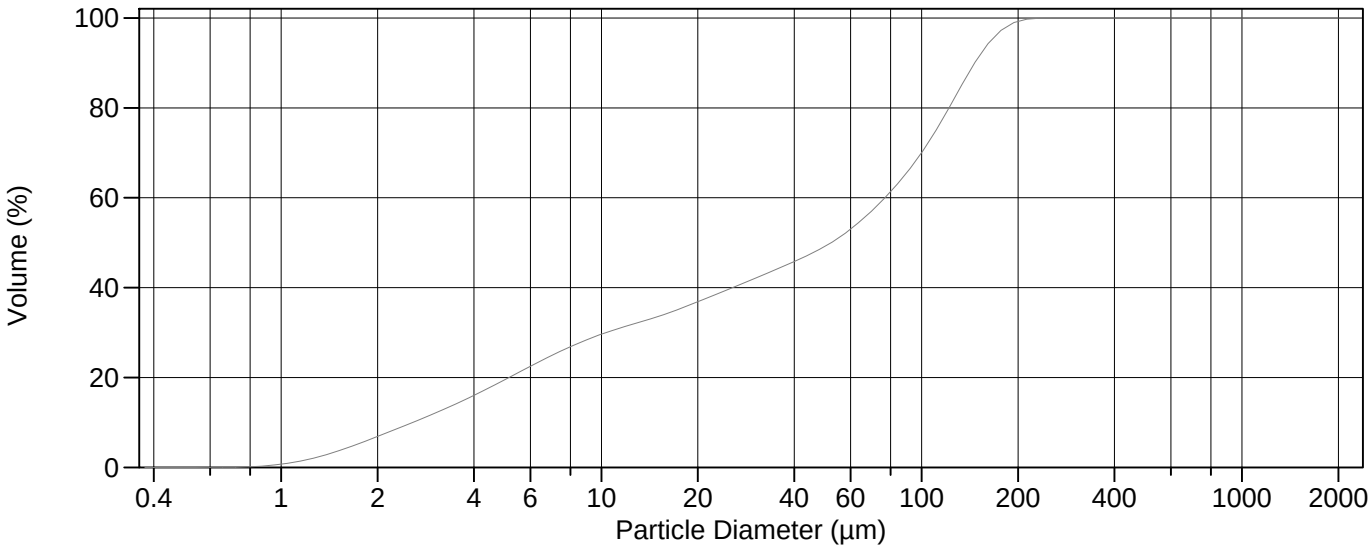

Volume Statistics (Arithmetic) 18.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	63.45 µm	95% Conf. Limits:	0-175.7 µm
Median:	52.17 µm	S.D.:	57.27 µm
D(3,2):	8.348 µm	Variance:	3280 μm^2
Mean/Median Ratio:	1.216	C.V.:	90.3%
Mode:	127.6 µm	Skewness:	0.546 Right skewed
d_{10}:	2.573 µm	Kurtosis:	-0.916 Platykurtic
d_{50}:	52.17 µm		
d_{90}:	146.4 µm		
Specific Surf. Area	7187 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.573	7.047	52.17	110.9	146.4

18.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.89	500.0	100
5.000	19.5	1000	100
10.00	29.6	2000	100
15.00	33.6		
20.00	36.9		
25.00	39.7		
50.00	49.2		
60.00	53.0		
63.00	54.2		
70.00	57.2		
75.00	59.3		
90.00	65.7		
125.0	81.5		
200.0	99.2		
250.0	100.0		
400.0	100		

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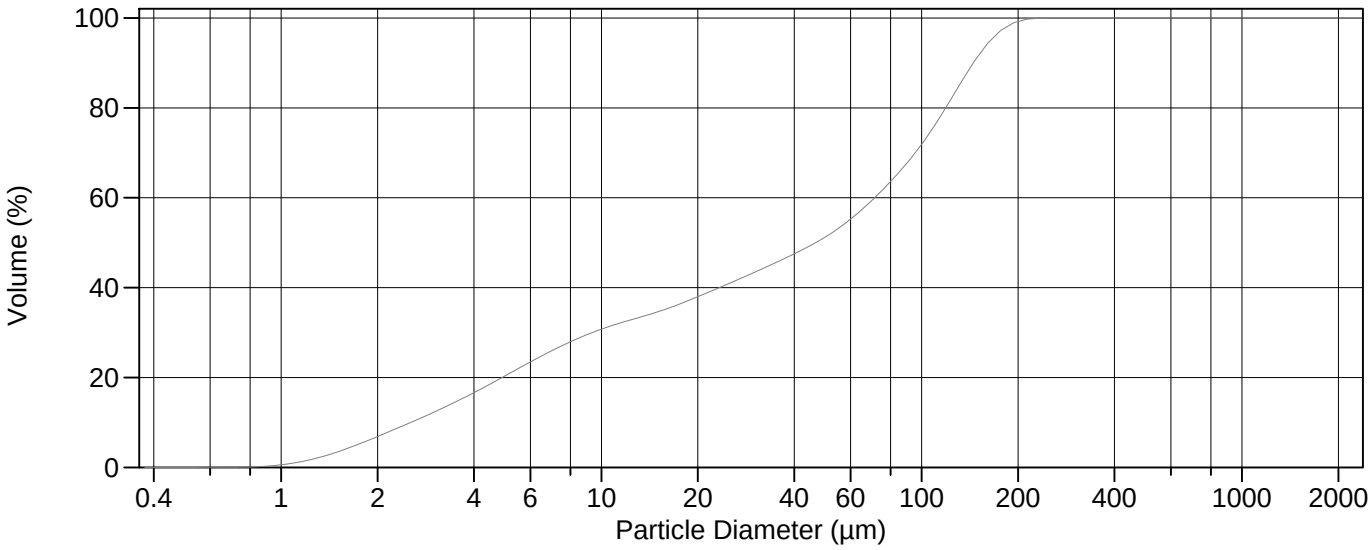

Volume Statistics (Arithmetic) 19.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	61.13 µm	95% Conf. Limits:	0-172.4 µm
Median:	46.65 µm	S.D.:	56.77 µm
D(3,2):	8.202 µm	Variance:	3223 μm^2
Mean/Median Ratio:	1.310	C.V.:	92.9%
Mode:	127.6 µm	Skewness:	0.628 Right skewed
d_{10}:	2.539 µm	Kurtosis:	-0.794 Platykurtic
d_{50}:	46.65 µm		
d_{90}:	145.0 µm		
Specific Surf. Area	7316 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.539	6.591	46.65	107.2	145.0

19.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.87	500.0	100
5.000	20.3	1000	100
10.00	30.8	2000	100
15.00	34.6		
20.00	38.0		
25.00	40.9		
50.00	51.3		
60.00	55.2		
63.00	56.5		
70.00	59.4		
75.00	61.5		
90.00	67.7		
125.0	82.5		
200.0	99.2		
250.0	100.0		
400.0	100		

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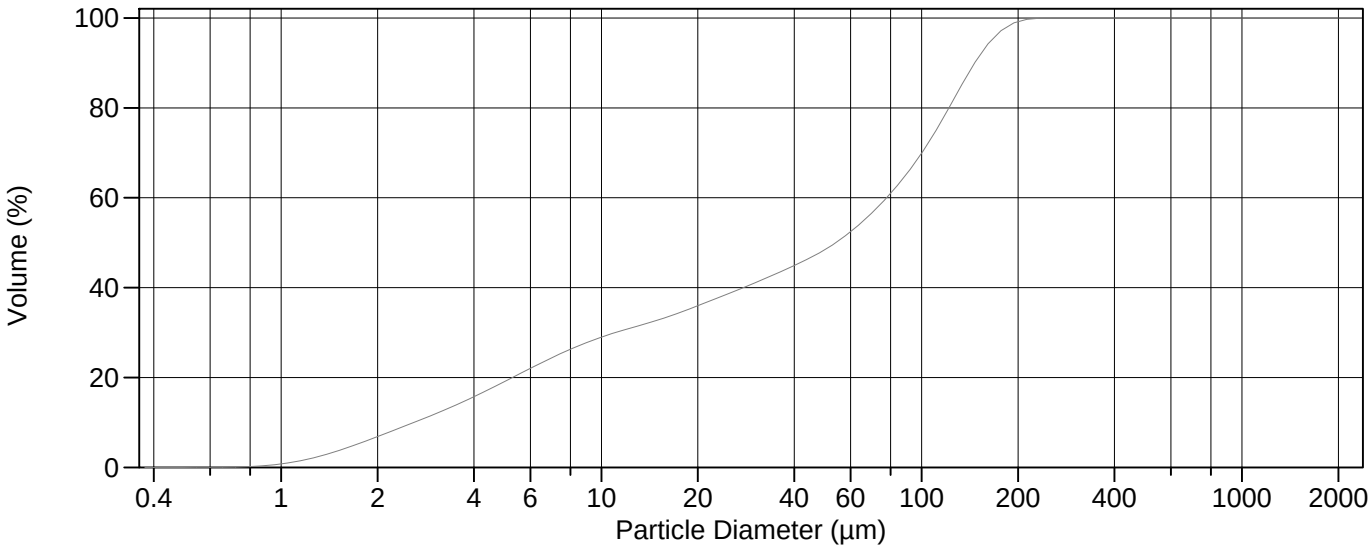

Volume Statistics (Arithmetic) 20.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	64.07 µm	95% Conf. Limits:	0-176.0 µm
Median:	53.93 µm	S.D.:	57.11 µm
D(3,2):	8.441 µm	Variance:	3261 μm^2
Mean/Median Ratio:	1.188	C.V.:	89.1%
Mode:	127.6 µm	Skewness:	0.534 Right skewed
d_{10}:	2.599 µm	Kurtosis:	-0.903 Platykurtic
d_{50}:	53.93 µm		
d_{90}:	146.3 µm		
Specific Surf. Area	7108 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.599	7.298	53.93	110.9	146.3

20.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.87	500.0	100
5.000	19.1	1000	100
10.00	29.0	2000	100
15.00	32.8		
20.00	36.0		
25.00	38.7		
50.00	48.5		
60.00	52.4		
63.00	53.7		
70.00	56.7		
75.00	58.8		
90.00	65.4		
125.0	81.5		
200.0	99.2		
250.0	100.0		
400.0	100		

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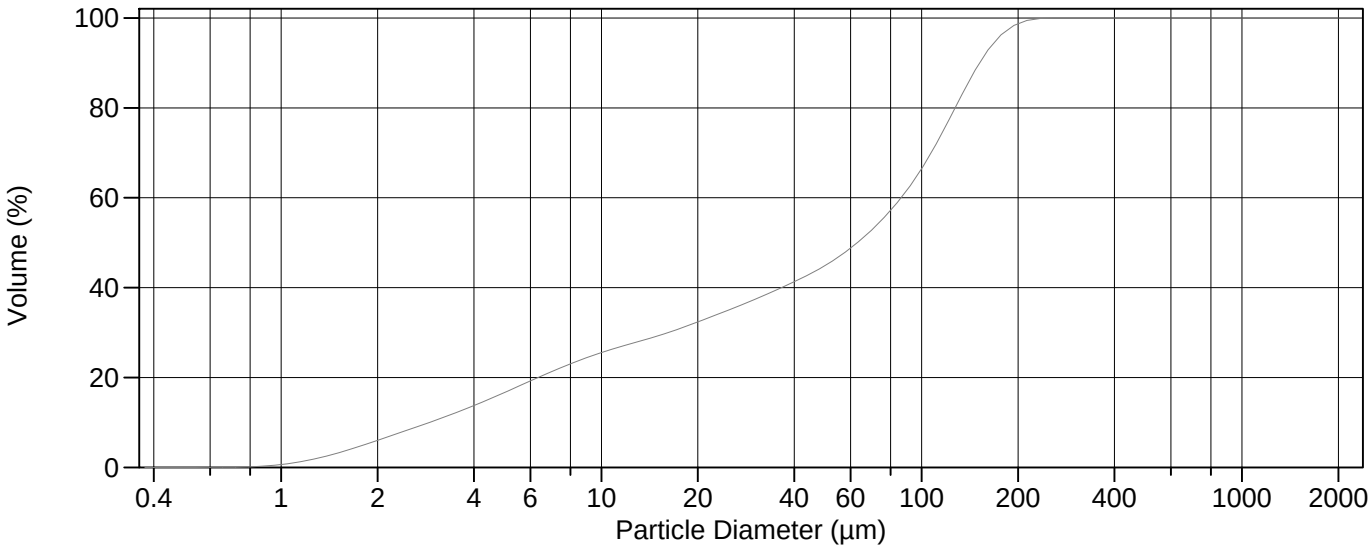


Volume Statistics (Arithmetic) 21.$02

Calculations from 0.375 µm to 2000 µm

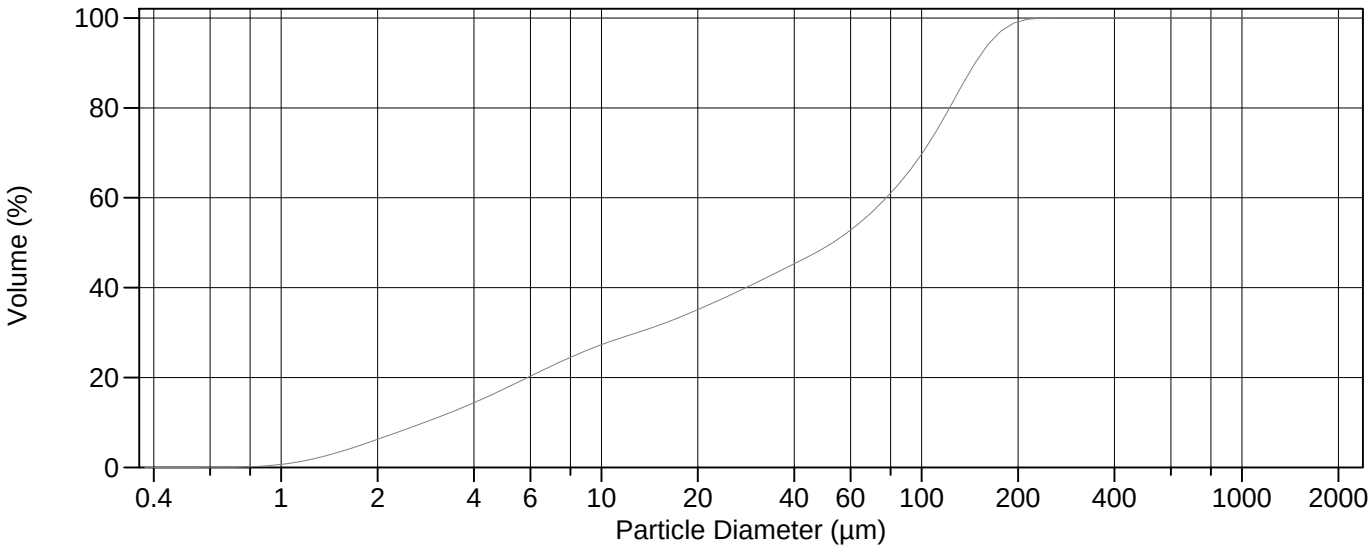
Volume	100.0%		
Mean:	69.44 µm	95% Conf. Limits:	0-184.3 µm
Median:	62.98 µm	S.D.:	58.62 µm
D(3,2):	9.478 µm	Variance:	3436 μm^2
Mean/Median Ratio:	1.103	C.V.:	84.4%
Mode:	127.6 µm	Skewness:	0.453 Right skewed
d_{10}:	2.904 µm	Kurtosis:	-0.929 Platykurtic
d_{50}:	62.98 µm		
d_{90}:	152.0 µm		
Specific Surf. Area	6331 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.904	9.490	62.98	117.0	152.0

21.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.02	500.0	100
5.000	16.7	1000	100
10.00	25.6	2000	100
15.00	29.3		
20.00	32.4		
25.00	35.0		
50.00	44.9		
60.00	48.8		
63.00	50.0		
70.00	52.9		
75.00	55.1		
90.00	61.7		
125.0	78.9		
200.0	98.7		
250.0	100.0		
400.0	100		

2014.0017 - 22



Volume Statistics (Arithmetic) 22.$02

Calculations from 0.375 µm to 2000 µm

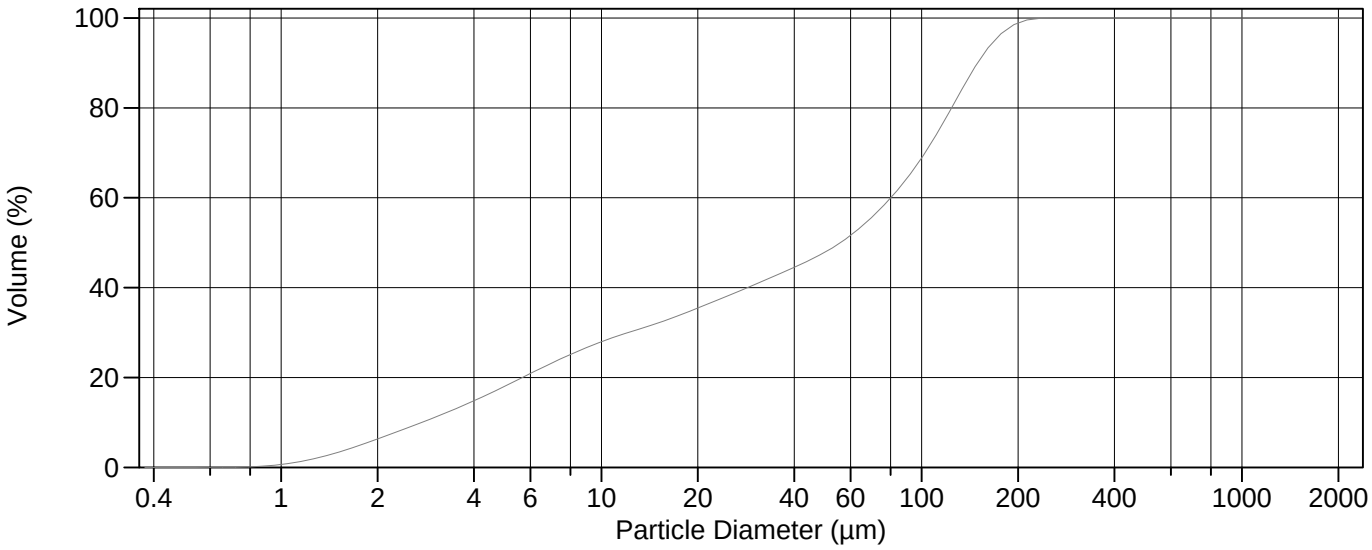
Volume	100.0%		
Mean:	64.40 µm	95% Conf. Limits:	0-176.3 µm
Median:	52.78 µm	S.D.:	57.08 µm
D(3,2):	8.993 µm	Variance:	3259 μm^2
Mean/Median Ratio:	1.220	C.V.:	88.6%
Mode:	127.6 µm	Skewness:	0.547 Right skewed
d_{10}:	2.804 µm	Kurtosis:	-0.892 Platykurtic
d_{50}:	52.78 µm		
d_{90}:	146.8 µm		
Specific Surf. Area	6672 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.804	8.323	52.78	111.4	146.8

22.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.25	500.0	100
5.000	17.5	1000	100
10.00	27.3	2000	100
15.00	31.5		
20.00	35.1		
25.00	38.2		
50.00	49.0		
60.00	52.8		
63.00	54.0		
70.00	56.9		
75.00	59.0		
90.00	65.3		
125.0	81.3		
200.0	99.1		
250.0	100.0		
400.0	100		

2014.0017 - 23



Volume Statistics (Arithmetic) 23.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	65.75 µm	95% Conf. Limits:	0-180.0 µm
Median:	55.73 µm	S.D.:	58.31 µm
D(3,2):	8.867 µm	Variance:	3401 μm^2
Mean/Median Ratio:	1.180	C.V.:	88.7%
Mode:	127.6 µm	Skewness:	0.537 Right skewed
d_{10}:	2.746 µm	Kurtosis:	-0.879 Platykurtic
d_{50}:	55.73 µm		
d_{90}:	149.7 µm		
Specific Surf. Area	6766 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.746	7.935	55.73	113.2	149.7

23.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.35	500.0	100
5.000	18.1	1000	100
10.00	28.0	2000	100
15.00	32.1		
20.00	35.5		
25.00	38.3		
50.00	47.9		
60.00	51.6		
63.00	52.8		
70.00	55.7		
75.00	57.8		
90.00	64.3		
125.0	80.4		
200.0	98.8		
250.0	100.0		
400.0	100		

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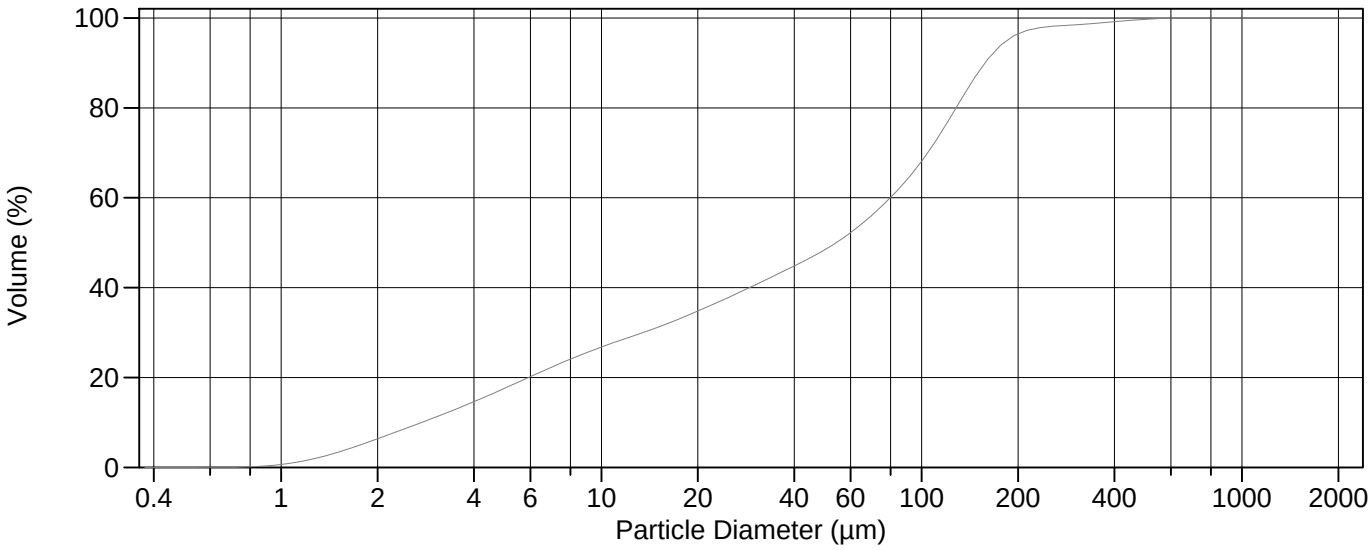

Volume Statistics (Arithmetic) 24.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	71.64 µm	95% Conf. Limits:	0-218.7 µm
Median:	54.14 µm	S.D.:	75.01 µm
D(3,2):	8.995 µm	Variance:	5627 μm^2
Mean/Median Ratio:	1.323	C.V.:	105%
Mode:	127.6 µm	Skewness:	2.062 Right skewed
d_{10}:	2.747 µm	Kurtosis:	8.094 Leptokurtic
d_{50}:	54.14 µm		
d_{90}:	157.9 µm		
Specific Surf. Area	6670 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.747	8.609	54.14	116.2	157.9

24.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.38	500.0	99.7
5.000	17.6	1000	100
10.00	26.8	2000	100
15.00	31.2		
20.00	34.8		
25.00	37.9		
50.00	48.5		
60.00	52.2		
63.00	53.4		
70.00	56.1		
75.00	58.1		
90.00	64.0		
125.0	78.7		
200.0	96.4		
250.0	98.1		
400.0	99.2		

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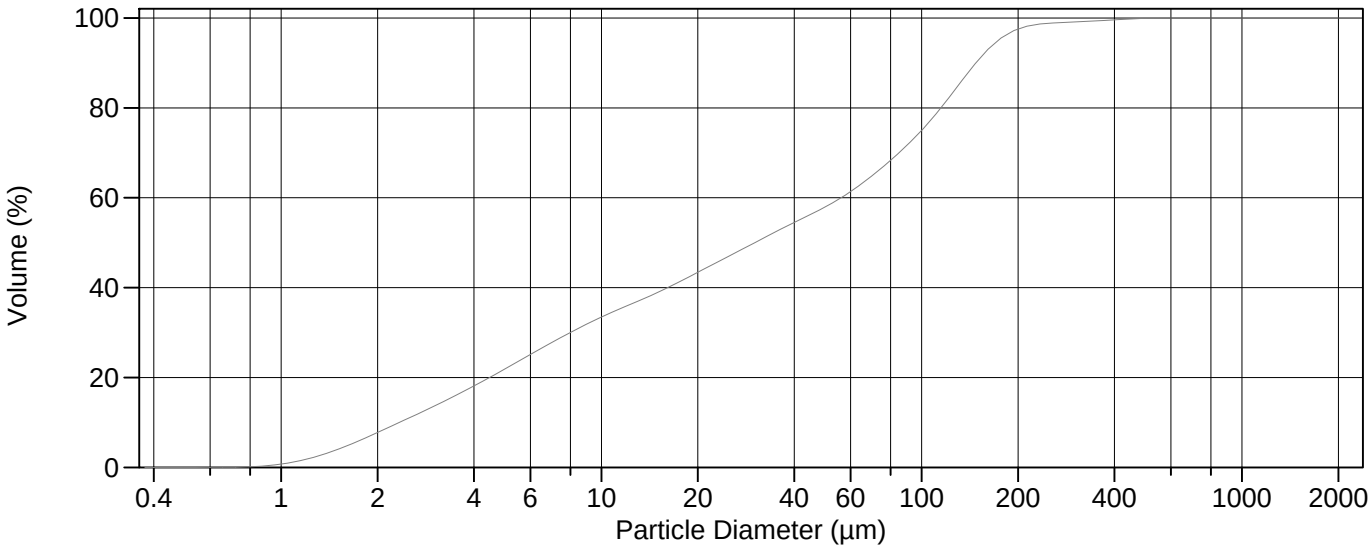

Volume Statistics (Arithmetic) 25#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	58.51 µm	95% Conf. Limits:	0-189.5 µm
Median:	30.13 µm	S.D.:	66.81 µm
D(3,2):	7.433 µm	Variance:	4463 μm^2
Mean/Median Ratio:	1.942	C.V.:	114%
Mode:	127.6 µm	Skewness:	1.896 Right skewed
d_{10}:	2.342 µm	Kurtosis:	6.421 Leptokurtic
d_{50}:	30.13 µm		
d_{90}:	147.6 µm		
Specific Surf. Area	8072 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.342	5.961	30.13	100.00	147.6

25#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.77	500.0	99.9
5.000	21.9	1000	100
10.00	33.4	2000	100
15.00	38.9		
20.00	43.4		
25.00	47.0		
50.00	58.0		
60.00	61.4		
63.00	62.4		
70.00	64.9		
75.00	66.6		
90.00	71.7		
125.0	83.4		
200.0	97.5		
250.0	98.8		
400.0	99.6		

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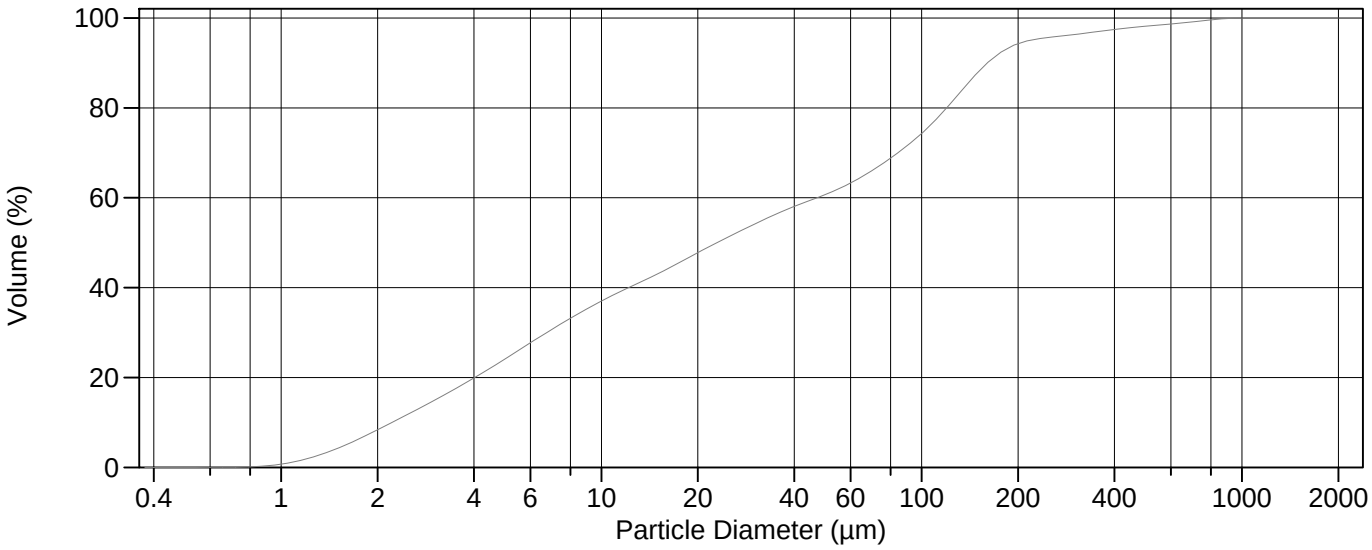


Volume Statistics (Arithmetic) 26.$02

Calculations from 0.375 µm to 2000 µm

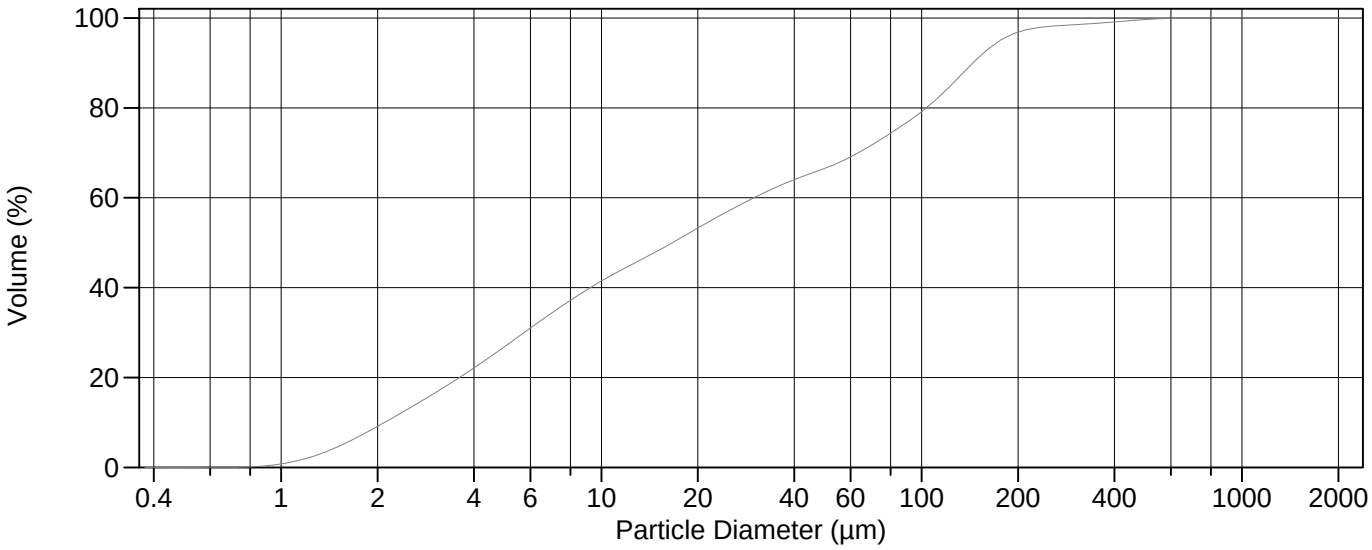
Volume	100.0%		
Mean:	69.78 µm	95% Conf. Limits:	0-294.7 µm
Median:	22.95 µm	S.D.:	114.8 µm
D(3,2):	6.892 µm	Variance:	13171 μm^2
Mean/Median Ratio:	3.041	C.V.:	164%
Mode:	127.6 µm	Skewness:	3.812 Right skewed
d_{10}:	2.220 µm	Kurtosis:	18.92 Leptokurtic
d_{50}:	22.95 µm		
d_{90}:	160.4 µm		
Specific Surf. Area	8706 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.220	5.231	22.95	102.4	160.4

26.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.37	500.0	98.2
5.000	24.1	1000	100.0
10.00	37.0	2000	100
15.00	43.1		
20.00	47.8		
25.00	51.3		
50.00	60.7		
60.00	63.3		
63.00	64.1		
70.00	66.1		
75.00	67.5		
90.00	71.6		
125.0	81.5		
200.0	94.2		
250.0	95.7		
400.0	97.5		

2014.0017 - 27



Volume Statistics (Arithmetic) 27.$02

Calculations from 0.375 µm to 2000 µm

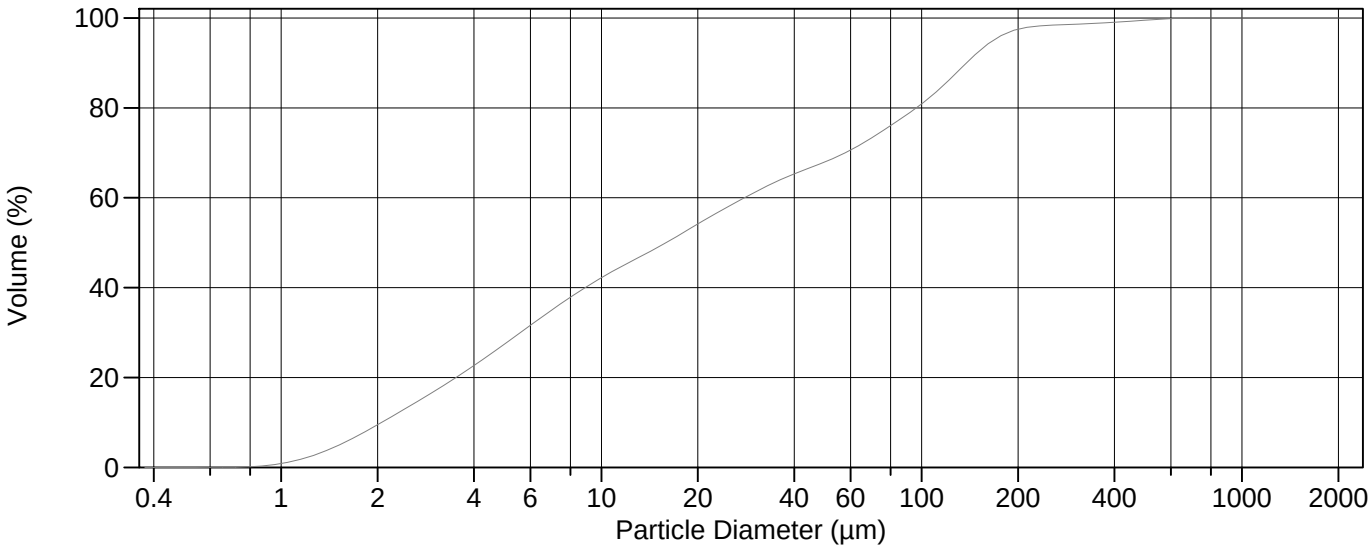
Volume	100.0%		
Mean:	51.88 µm	95% Conf. Limits:	0-197.7 µm
Median:	16.67 µm	S.D.:	74.39 µm
D(3,2):	6.259 µm	Variance:	5534 μm^2
Mean/Median Ratio:	3.113	C.V.:	143%
Mode:	127.6 µm	Skewness:	2.805 Right skewed
d_{10}:	2.104 µm	Kurtosis:	11.96 Leptokurtic
d_{50}:	16.67 µm		
d_{90}:	144.6 µm		
Specific Surf. Area	9587 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.104	4.578	16.67	82.55	144.6

27.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.13	500.0	99.7
5.000	26.9	1000	100
10.00	41.5	2000	100
15.00	48.2		
20.00	53.3		
25.00	57.1		
50.00	66.6		
60.00	69.1		
63.00	69.9		
70.00	71.8		
75.00	73.1		
90.00	76.8		
125.0	85.4		
200.0	96.8		
250.0	98.1		
400.0	99.1		

2014.0017 - 28



Volume Statistics (Arithmetic) 28.$02

Calculations from 0.375 µm to 2000 µm

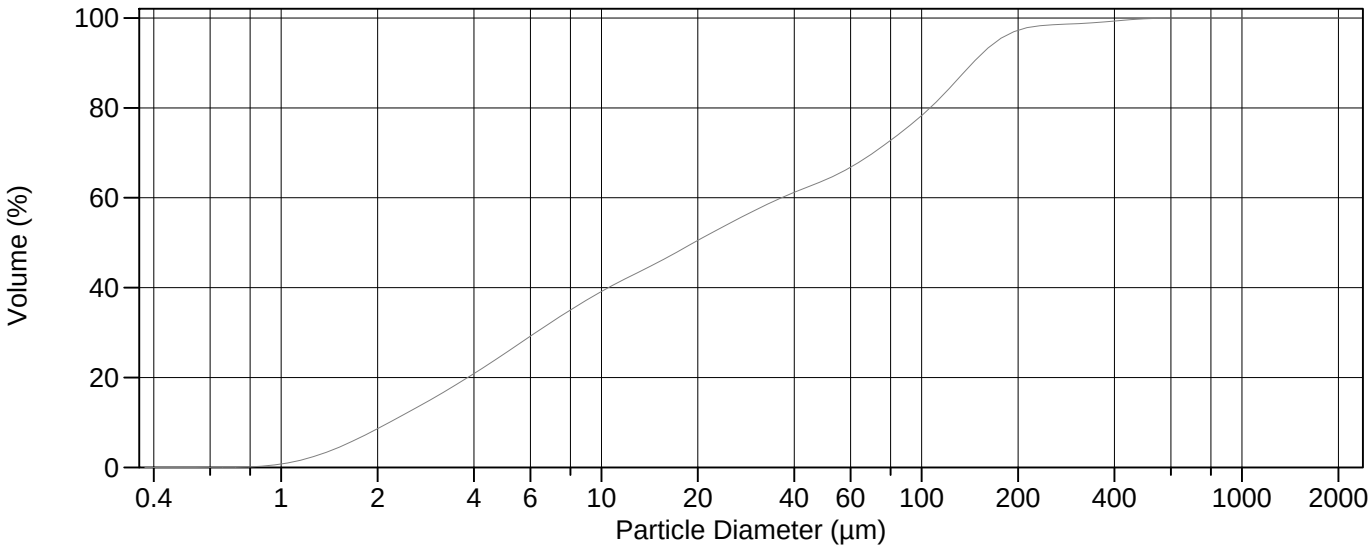
Volume	100.0%		
Mean:	49.32 µm	95% Conf. Limits:	0-194.2 µm
Median:	15.92 µm	S.D.:	73.92 µm
D(3,2):	6.096 µm	Variance:	5464 µm^2
Mean/Median Ratio:	3.098	C.V.:	150%
Mode:	127.6 µm	Skewness:	3.330 Right skewed
d_{10}:	2.059 µm	Kurtosis:	17.21 Leptokurtic
d_{50}:	15.92 µm		
d_{90}:	138.2 µm		
Specific Surf. Area	9842 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.059	4.463	15.92	75.86	138.2

28.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.50	500.0	99.5
5.000	27.5	1000	100
10.00	42.2	2000	100
15.00	49.0		
20.00	54.2		
25.00	58.1		
50.00	68.0		
60.00	70.6		
63.00	71.5		
70.00	73.4		
75.00	74.8		
90.00	78.5		
125.0	87.0		
200.0	97.5		
250.0	98.4		
400.0	99.1		

2014.0017 - 29



Volume Statistics (Arithmetic) 29.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	53.15 µm	95% Conf. Limits:	0-191.1 µm
Median:	19.43 µm	S.D.:	70.40 µm
D(3,2):	6.585 µm	Variance:	4957 μm^2
Mean/Median Ratio:	2.735	C.V.:	132%
Mode:	127.6 µm	Skewness:	2.444 Right skewed
d_{10}:	2.177 µm	Kurtosis:	9.402 Leptokurtic
d_{50}:	19.43 µm		
d_{90}:	144.4 µm		
Specific Surf. Area	9112 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.177	4.916	19.43	87.88	144.4

29.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.62	500.0	99.8
5.000	25.4	1000	100
10.00	39.1	2000	100
15.00	45.6		
20.00	50.5		
25.00	54.2		
50.00	64.0		
60.00	66.8		
63.00	67.7		
70.00	69.8		
75.00	71.3		
90.00	75.6		
125.0	85.1		
200.0	97.2		
250.0	98.4		
400.0	99.3		

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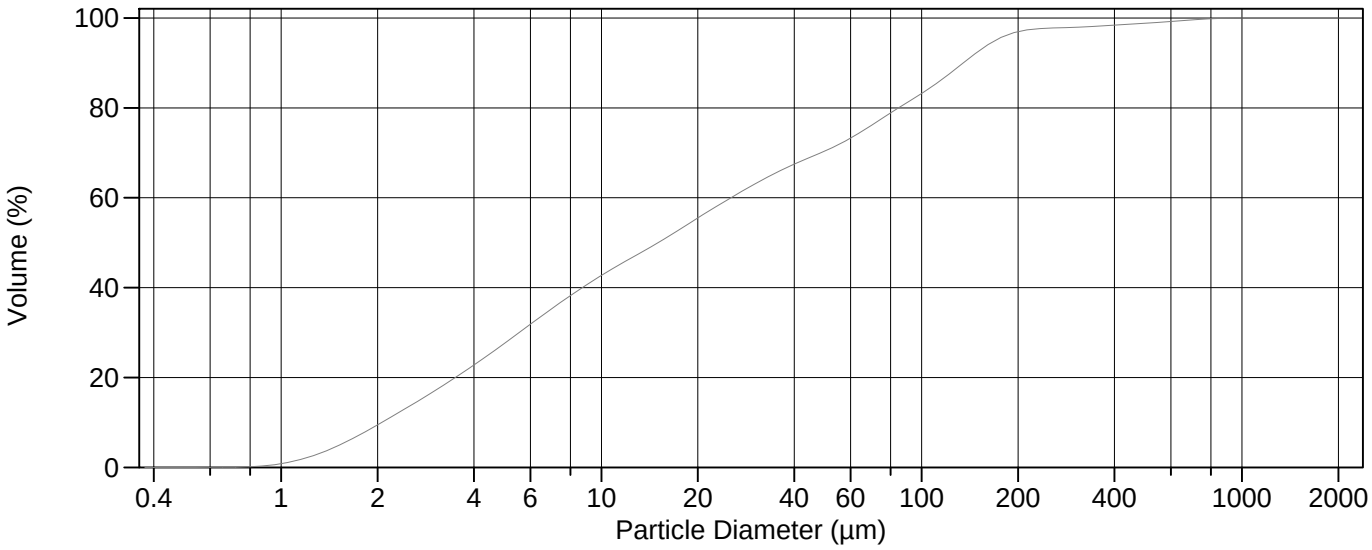

Volume Statistics (Arithmetic) 30.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	50.33 µm	95% Conf. Limits:	0-229.6 µm
Median:	15.04 µm	S.D.:	91.47 µm
D(3,2):	6.046 µm	Variance:	8367 μm^2
Mean/Median Ratio:	3.347	C.V.:	182%
Mode:	127.6 µm	Skewness:	4.611 Right skewed
d_{10}:	2.063 µm	Kurtosis:	28.55 Leptokurtic
d_{50}:	15.04 µm		
d_{90}:	134.9 µm		
Specific Surf. Area	9924 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.063	4.436	15.04	65.86	134.9

30.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.45	500.0	98.8
5.000	27.7	1000	100.0
10.00	42.7	2000	100
15.00	50.0		
20.00	55.5		
25.00	59.7		
50.00	70.4		
60.00	73.3		
63.00	74.2		
70.00	76.2		
75.00	77.6		
90.00	81.2		
125.0	88.1		
200.0	96.9		
250.0	97.7		
400.0	98.4		

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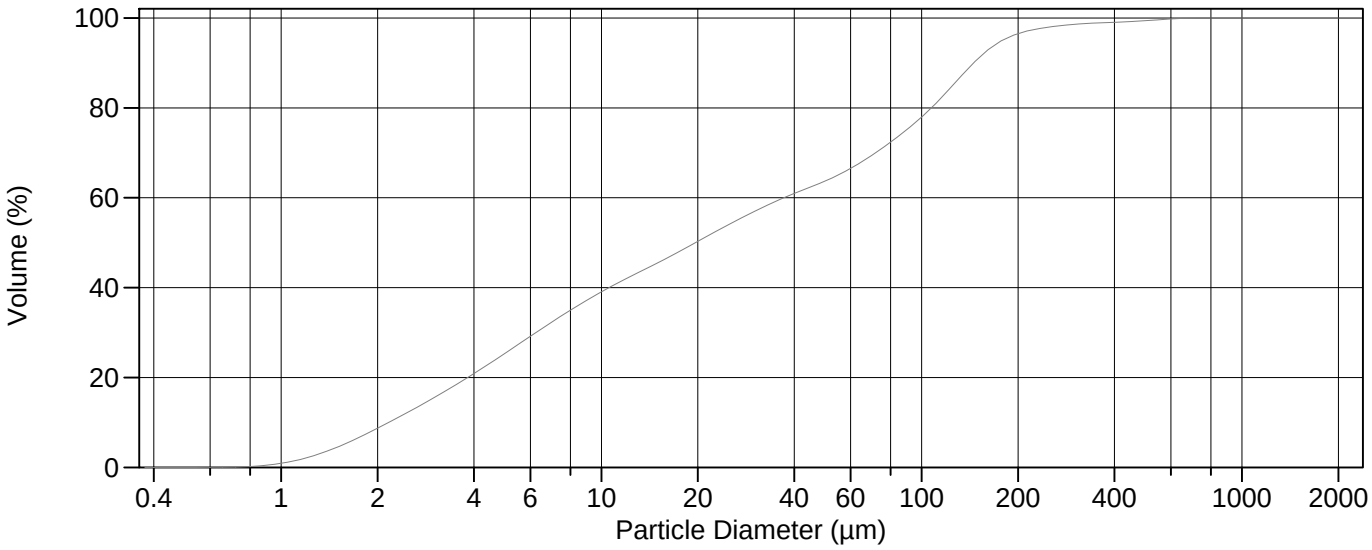

Volume Statistics (Arithmetic) 31#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	55.19 µm	95% Conf. Limits:	0-207.7 µm
Median:	19.66 µm	S.D.:	77.80 µm
D(3,2):	6.538 µm	Variance:	6053 μm^2
Mean/Median Ratio:	2.807	C.V.:	141%
Mode:	127.6 µm	Skewness:	3.088 Right skewed
d_{10}:	2.168 µm	Kurtosis:	15.26 Leptokurtic
d_{50}:	19.66 µm		
d_{90}:	145.3 µm		
Specific Surf. Area	9177 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.168	4.912	19.66	89.32	145.3

31#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.72	500.0	99.4
5.000	25.4	1000	100
10.00	39.1	2000	100
15.00	45.5		
20.00	50.3		
25.00	54.1		
50.00	63.7		
60.00	66.5		
63.00	67.4		
70.00	69.5		
75.00	71.0		
90.00	75.2		
125.0	85.0		
200.0	96.5		
250.0	98.0		
400.0	99.1		

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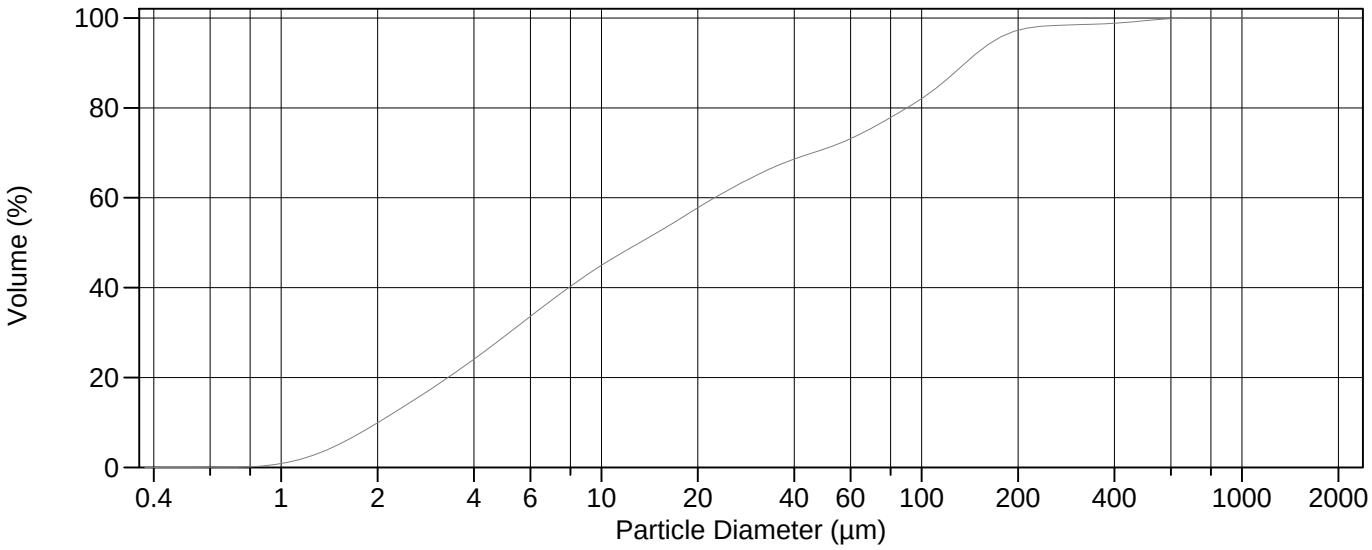

Volume Statistics (Arithmetic) 32.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	47.14 µm	95% Conf. Limits:	0-196.1 µm
Median:	13.17 µm	S.D.:	75.99 µm
D(3,2):	5.797 µm	Variance:	5775 μm^2
Mean/Median Ratio:	3.580	C.V.:	161%
Mode:	127.6 µm	Skewness:	3.488 Right skewed
d_{10}:	2.008 µm	Kurtosis:	17.60 Leptokurtic
d_{50}:	13.17 µm		
d_{90}:	137.1 µm		
Specific Surf. Area	10351 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.008	4.168	13.17	67.71	137.1

32.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.92	500.0	99.4
5.000	29.2	1000	100
10.00	45.0	2000	100
15.00	52.3		
20.00	57.8		
25.00	61.8		
50.00	70.9		
60.00	73.1		
63.00	73.9		
70.00	75.6		
75.00	76.7		
90.00	80.0		
125.0	87.5		
200.0	97.3		
250.0	98.3		
400.0	98.8		

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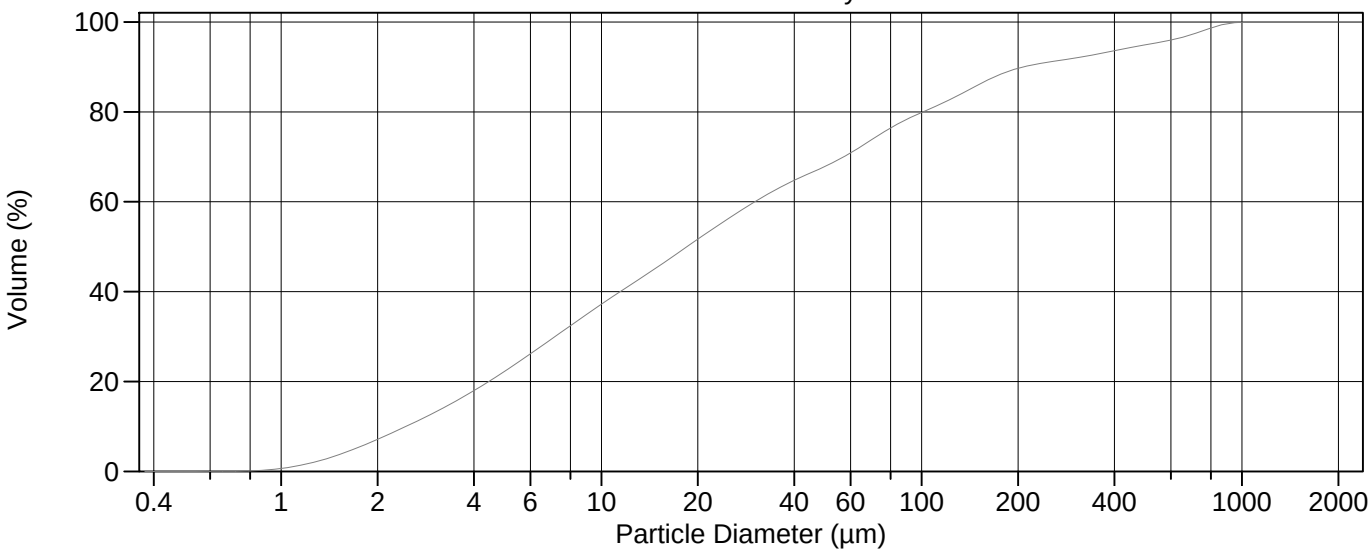

Volume Statistics (Arithmetic) 33.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	84.81 µm	95% Conf. Limits:	0-415.5 µm
Median:	18.50 µm	S.D.:	168.7 µm
D(3,2):	7.166 µm	Variance:	28470 μm^2
Mean/Median Ratio:	4.585	C.V.:	199%
Mode:	7.083 µm	Skewness:	3.129 Right skewed
d_{10}:	2.453 µm	Kurtosis:	9.734 Leptokurtic
d_{50}:	18.50 µm		
d_{90}:	207.8 µm		
Specific Surf. Area	8372 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.453	5.688	18.50	74.17	207.8

33.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.14	500.0	94.9
5.000	22.3	1000	99.9
10.00	37.2	2000	100
15.00	45.5		
20.00	51.7		
25.00	56.3		
50.00	67.9		
60.00	70.9		
63.00	71.8		
70.00	73.9		
75.00	75.2		
90.00	78.4		
125.0	83.0		
200.0	89.7		
250.0	91.1		
400.0	93.6		

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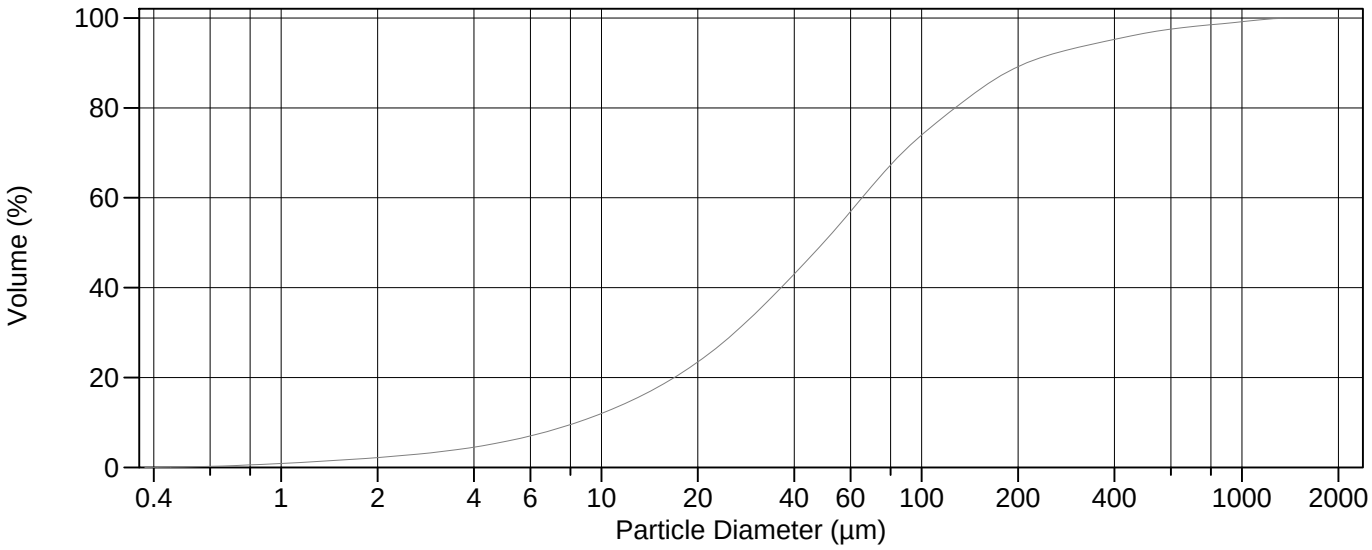

Volume Statistics (Arithmetic) 34.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	99.46 µm	95% Conf. Limits:	0-417.2 µm
Median:	49.38 µm	S.D.:	162.1 µm
D(3,2):	15.88 µm	Variance:	26279 μm^2
Mean/Median Ratio:	2.014	C.V.:	163%
Mode:	66.44 µm	Skewness:	4.049 Right skewed
d_{10}:	8.378 µm	Kurtosis:	19.98 Leptokurtic
d_{50}:	49.38 µm		
d_{90}:	212.4 µm		
Specific Surf. Area	3778 cm^2/ml		

% <	10	25	50	75	90
Size µm	8.378	21.41	49.38	104.0	212.4

34.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	2.19	500.0	96.6
5.000	5.74	1000	99.2
10.00	12.0	2000	100
15.00	17.9		
20.00	23.5		
25.00	28.9		
50.00	50.4		
60.00	56.9		
63.00	58.8		
70.00	62.6		
75.00	65.1		
90.00	71.0		
125.0	79.6		
200.0	89.1		
250.0	91.8		
400.0	95.3		

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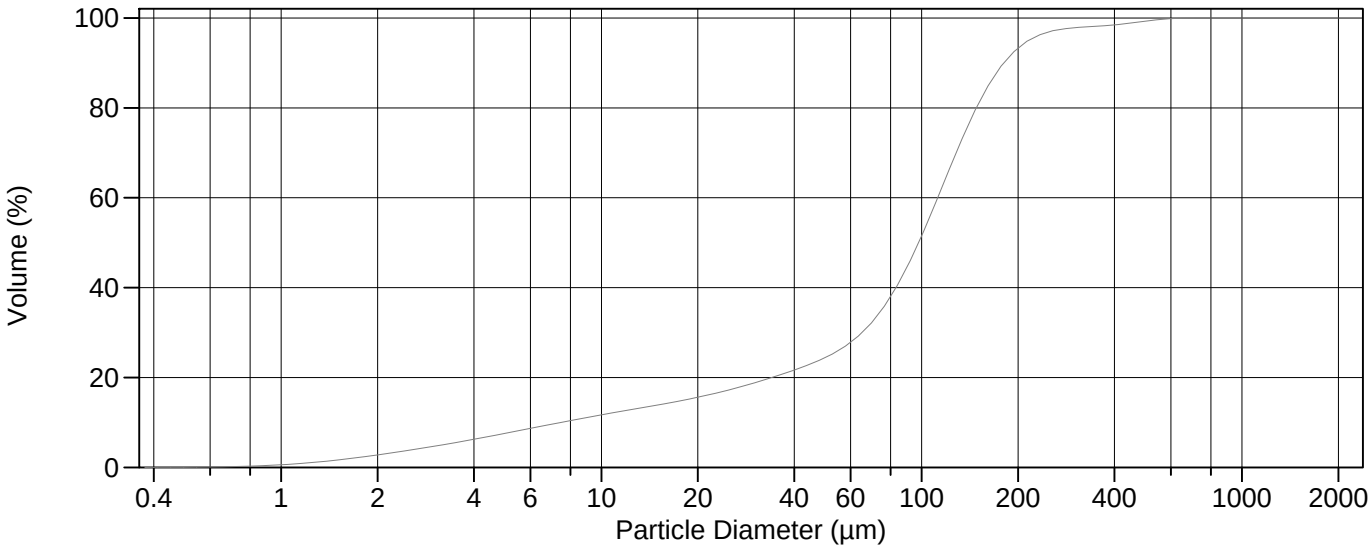

Volume Statistics (Arithmetic) 35.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	102.9 µm	95% Conf. Limits:	0-260.6 µm
Median:	97.76 µm	S.D.:	80.50 µm
D(3,2):	17.67 µm	Variance:	6480 μm^2
Mean/Median Ratio:	1.052	C.V.:	78.3%
Mode:	116.3 µm	Skewness:	2.158 Right skewed
d_{10}:	7.463 µm	Kurtosis:	9.291 Leptokurtic
d_{50}:	97.76 µm		
d_{90}:	180.7 µm		
Specific Surf. Area	3396 cm^2/ml		

% <	10	25	50	75	90
Size µm	7.463	51.92	97.76	137.5	180.7

35.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	2.78	500.0	99.3
5.000	7.57	1000	100
10.00	11.7	2000	100
15.00	13.9		
20.00	15.6		
25.00	17.2		
50.00	24.4		
60.00	27.8		
63.00	29.0		
70.00	32.3		
75.00	35.1		
90.00	44.6		
125.0	68.1		
200.0	93.2		
250.0	96.9		
400.0	98.5		

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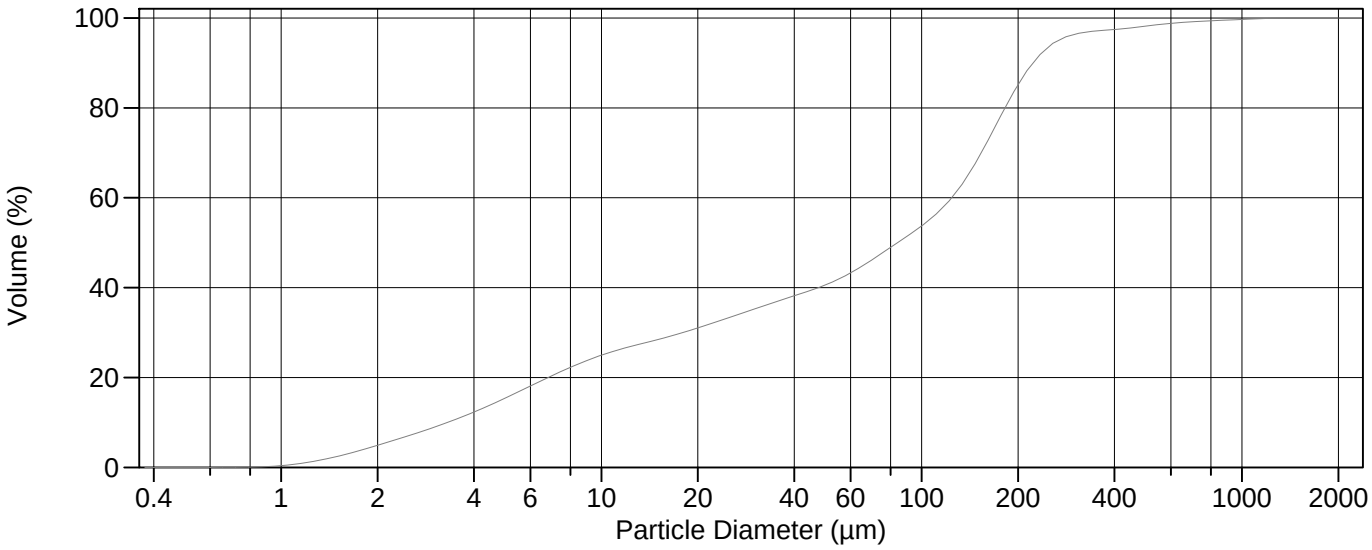

Volume Statistics (Arithmetic) 36.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	109.1 µm	95% Conf. Limits:	0-360.3 µm
Median:	83.98 µm	S.D.:	128.2 µm
D(3,2):	10.62 µm	Variance:	16425 µm^2
Mean/Median Ratio:	1.299	C.V.:	118%
Mode:	168.8 µm	Skewness:	3.360 Right skewed
d_{10}:	3.308 µm	Kurtosis:	19.77 Leptokurtic
d_{50}:	83.98 µm		
d_{90}:	223.2 µm		
Specific Surf. Area	5651 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.308	10.03	83.98	167.4	223.2

36.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	4.92	500.0	98.2
5.000	15.4	1000	99.7
10.00	25.0	2000	100
15.00	28.4		
20.00	31.0		
25.00	33.3		
50.00	40.6		
60.00	43.3		
63.00	44.1		
70.00	46.2		
75.00	47.6		
90.00	51.4		
125.0	60.3		
200.0	85.1		
250.0	93.6		
400.0	97.4		

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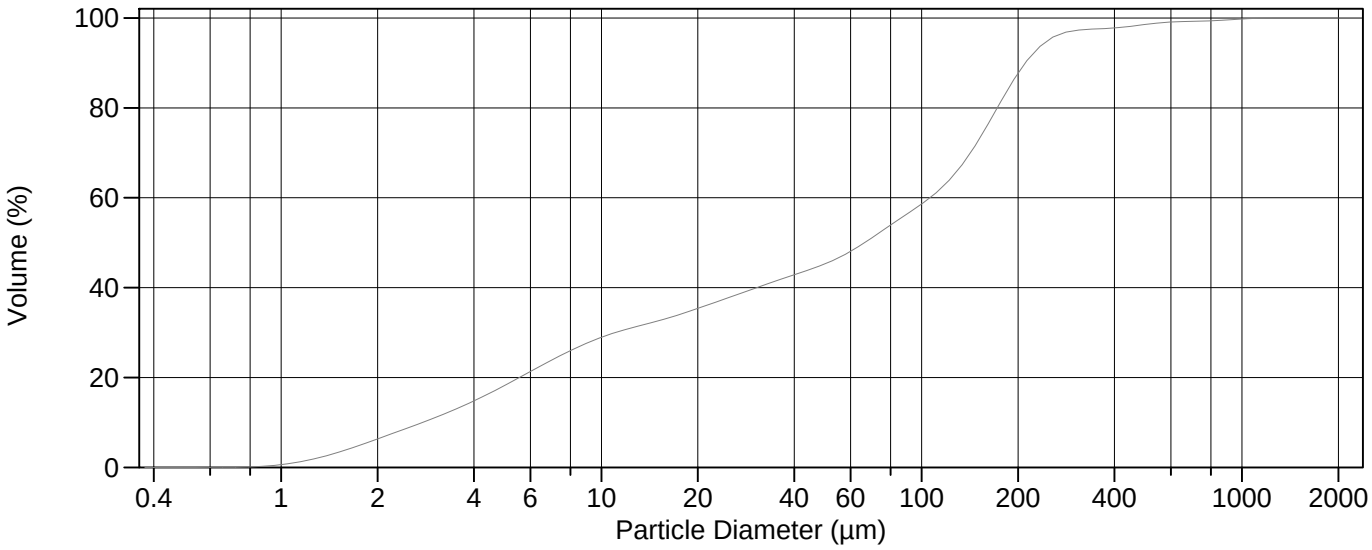

Volume Statistics (Arithmetic) 37.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	97.37 µm	95% Conf. Limits:	0-332.3 µm
Median:	66.32 µm	S.D.:	119.9 µm
D(3,2):	8.947 µm	Variance:	14370 μm^2
Mean/Median Ratio:	1.468	C.V.:	123%
Mode:	168.8 µm	Skewness:	3.333 Right skewed
d_{10}:	2.763 µm	Kurtosis:	19.24 Leptokurtic
d_{50}:	66.32 µm		
d_{90}:	210.9 µm		
Specific Surf. Area	6706 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.763	7.499	66.32	157.1	210.9

37.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.34	500.0	98.6
5.000	18.3	1000	99.8
10.00	28.9	2000	100
15.00	32.6		
20.00	35.4		
25.00	37.8		
50.00	45.3		
60.00	48.1		
63.00	49.0		
70.00	51.1		
75.00	52.6		
90.00	56.4		
125.0	64.8		
200.0	87.6		
250.0	95.1		
400.0	97.8		

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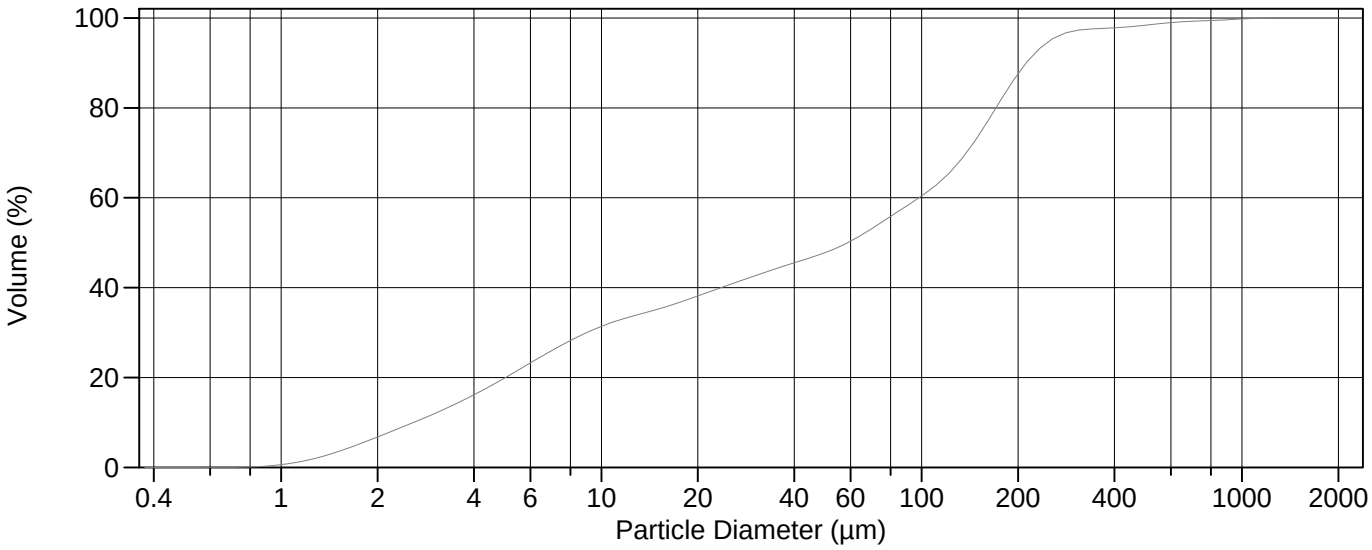

Volume Statistics (Arithmetic) 38.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	94.62 µm	95% Conf. Limits:	0-332.9 µm
Median:	58.74 µm	S.D.:	121.6 µm
D(3,2):	8.365 µm	Variance:	14777 μm^2
Mean/Median Ratio:	1.611	C.V.:	128%
Mode:	168.8 µm	Skewness:	3.350 Right skewed
d_{10}:	2.591 µm	Kurtosis:	19.16 Leptokurtic
d_{50}:	58.74 µm		
d_{90}:	212.1 µm		
Specific Surf. Area	7172 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.591	6.618	58.74	154.3	212.1

38.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.77	500.0	98.4
5.000	19.9	1000	99.8
10.00	31.4	2000	100
15.00	35.2		
20.00	38.1		
25.00	40.6		
50.00	47.8		
60.00	50.4		
63.00	51.2		
70.00	53.2		
75.00	54.6		
90.00	58.2		
125.0	66.4		
200.0	87.5		
250.0	94.8		
400.0	97.8		

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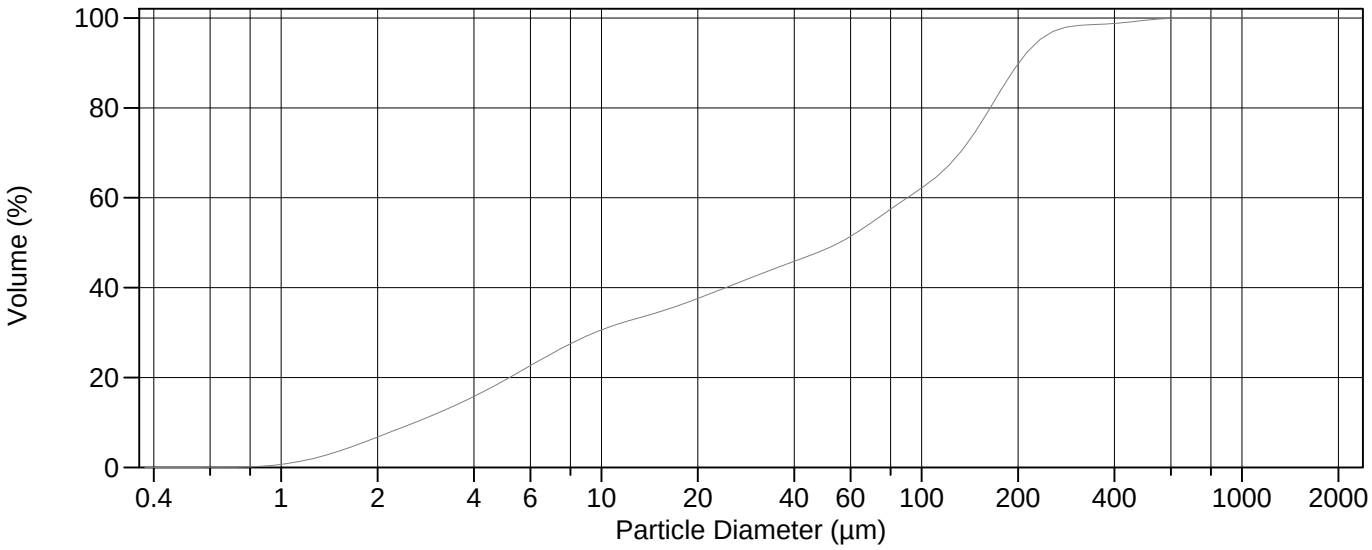

Volume Statistics (Arithmetic) 39.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	84.81 µm	95% Conf. Limits:	0-263.9 µm
Median:	55.28 µm	S.D.:	91.36 µm
D(3,2):	8.430 µm	Variance:	8346 μm^2
Mean/Median Ratio:	1.534	C.V.:	108%
Mode:	168.8 µm	Skewness:	1.546 Right skewed
d_{10}:	2.616 µm	Kurtosis:	3.952 Leptokurtic
d_{50}:	55.28 µm		
d_{90}:	201.4 µm		
Specific Surf. Area	7118 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.616	6.869	55.28	148.0	201.4

39.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.76	500.0	99.5
5.000	19.4	1000	100
10.00	30.6	2000	100
15.00	34.5		
20.00	37.6		
25.00	40.3		
50.00	48.5		
60.00	51.4		
63.00	52.4		
70.00	54.6		
75.00	56.1		
90.00	60.0		
125.0	68.2		
200.0	89.7		
250.0	96.5		
400.0	98.8		

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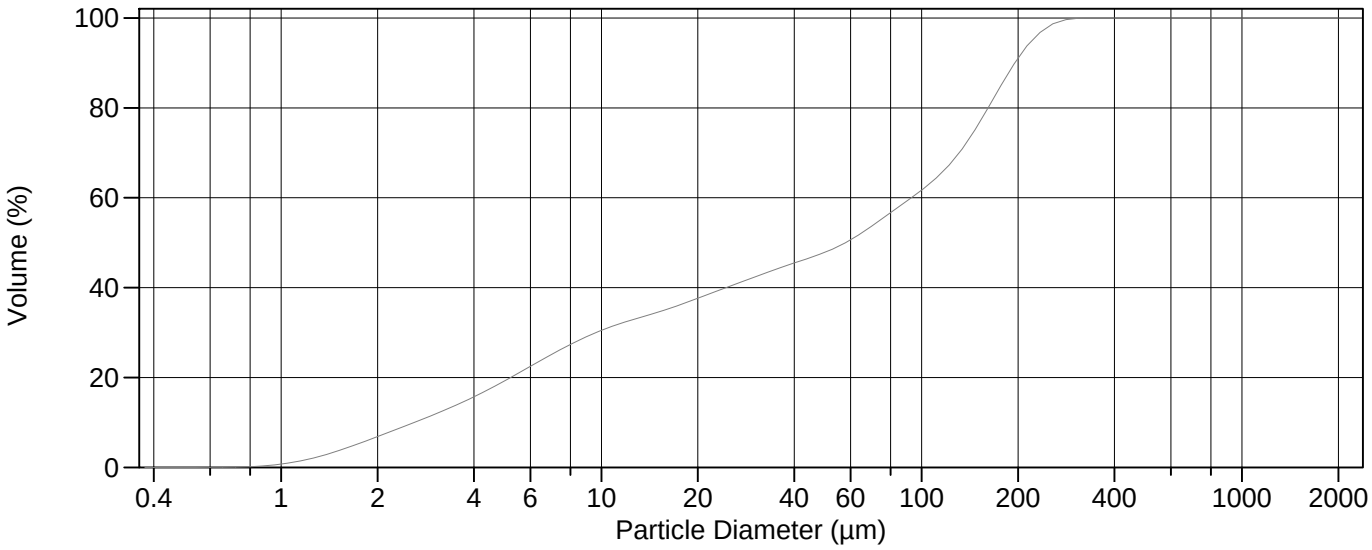

Volume Statistics (Arithmetic) 40.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	80.60 µm	95% Conf. Limits:	0-233.3 µm
Median:	57.84 µm	S.D.:	77.92 µm
D(3,2):	8.400 µm	Variance:	6072 µm^2
Mean/Median Ratio:	1.394	C.V.:	96.7%
Mode:	168.8 µm	Skewness:	0.639 Right skewed
d_{10}:	2.604 µm	Kurtosis:	-0.842 Platykurtic
d_{50}:	57.84 µm		
d_{90}:	195.4 µm		
Specific Surf. Area	7143 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.604	6.939	57.84	146.4	195.4

40.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.86	500.0	100
5.000	19.3	1000	100
10.00	30.5	2000	100
15.00	34.5		
20.00	37.6		
25.00	40.2		
50.00	47.9		
60.00	50.7		
63.00	51.6		
70.00	53.7		
75.00	55.3		
90.00	59.3		
125.0	68.2		
200.0	91.0		
250.0	98.1		
400.0	100		

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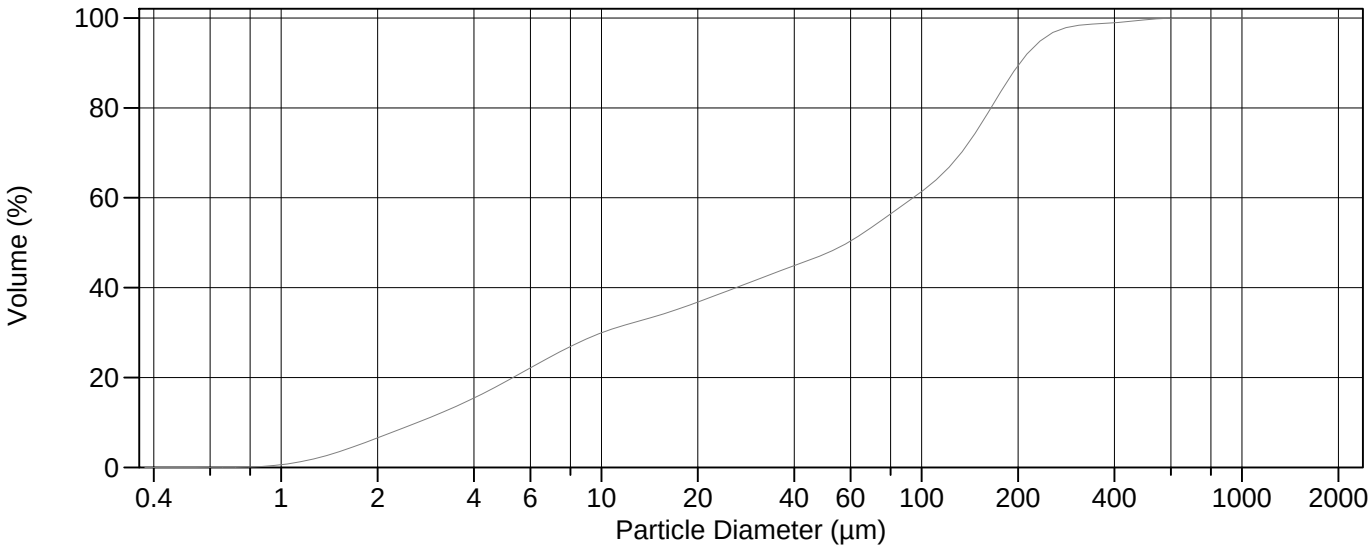

Volume Statistics (Arithmetic) 41#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	86.03 µm	95% Conf. Limits:	0-263.3 µm
Median:	58.78 µm	S.D.:	90.46 µm
D(3,2):	8.642 µm	Variance:	8182 μm^2
Mean/Median Ratio:	1.463	C.V.:	105%
Mode:	168.8 µm	Skewness:	1.419 Right skewed
d_{10}:	2.663 µm	Kurtosis:	3.246 Leptokurtic
d_{50}:	58.78 µm		
d_{90}:	203.3 µm		
Specific Surf. Area	6943 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.663	7.103	58.78	148.9	203.3

41#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.58	500.0	99.6
5.000	19.0	1000	100
10.00	29.9	2000	100
15.00	33.8		
20.00	36.8		
25.00	39.4		
50.00	47.5		
60.00	50.4		
63.00	51.3		
70.00	53.5		
75.00	55.0		
90.00	59.0		
125.0	67.7		
200.0	89.3		
250.0	96.2		
400.0	99.0		

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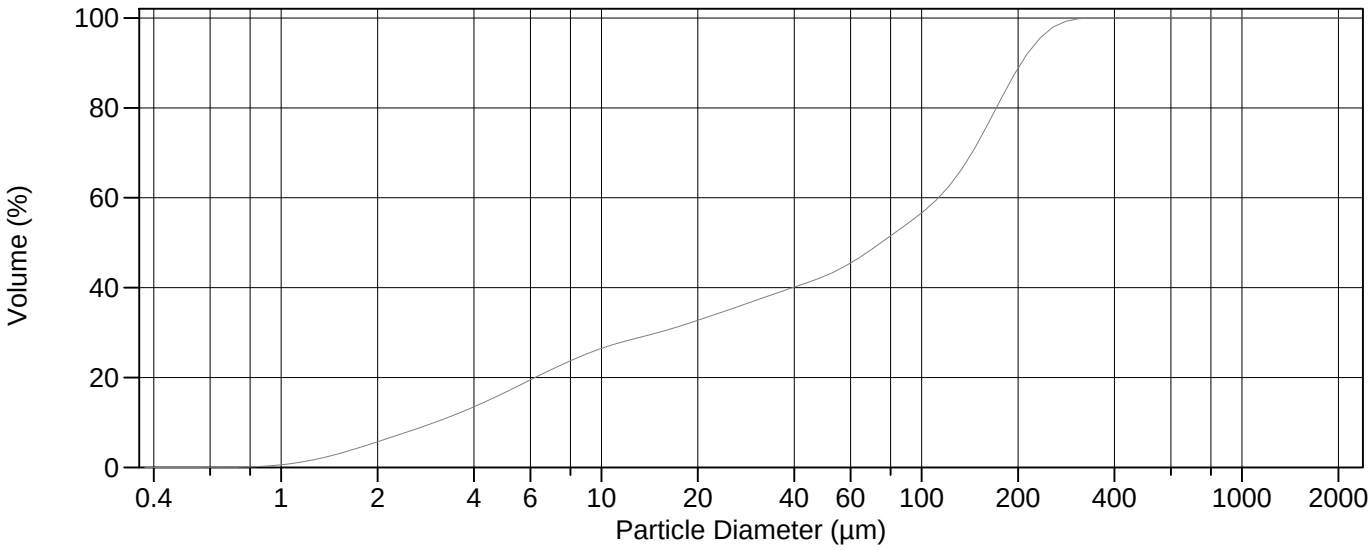

Volume Statistics (Arithmetic) 42.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	90.29 µm	95% Conf. Limits:	0-248.4 µm
Median:	74.66 µm	S.D.:	80.66 µm
D(3,2):	9.709 µm	Variance:	6507 μm^2
Mean/Median Ratio:	1.209	C.V.:	89.3%
Mode:	168.8 µm	Skewness:	0.503 Right skewed
d_{10}:	3.013 µm	Kurtosis:	-0.945 Platykurtic
d_{50}:	74.66 µm		
d_{90}:	205.2 µm		
Specific Surf. Area	6180 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.013	8.819	74.66	157.3	205.2

42.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.70	500.0	100
5.000	16.7	1000	100
10.00	26.5	2000	100
15.00	30.0		
20.00	32.7		
25.00	35.1		
50.00	42.6		
60.00	45.5		
63.00	46.4		
70.00	48.6		
75.00	50.1		
90.00	54.2		
125.0	63.6		
200.0	88.7		
250.0	97.2		
400.0	100.0		

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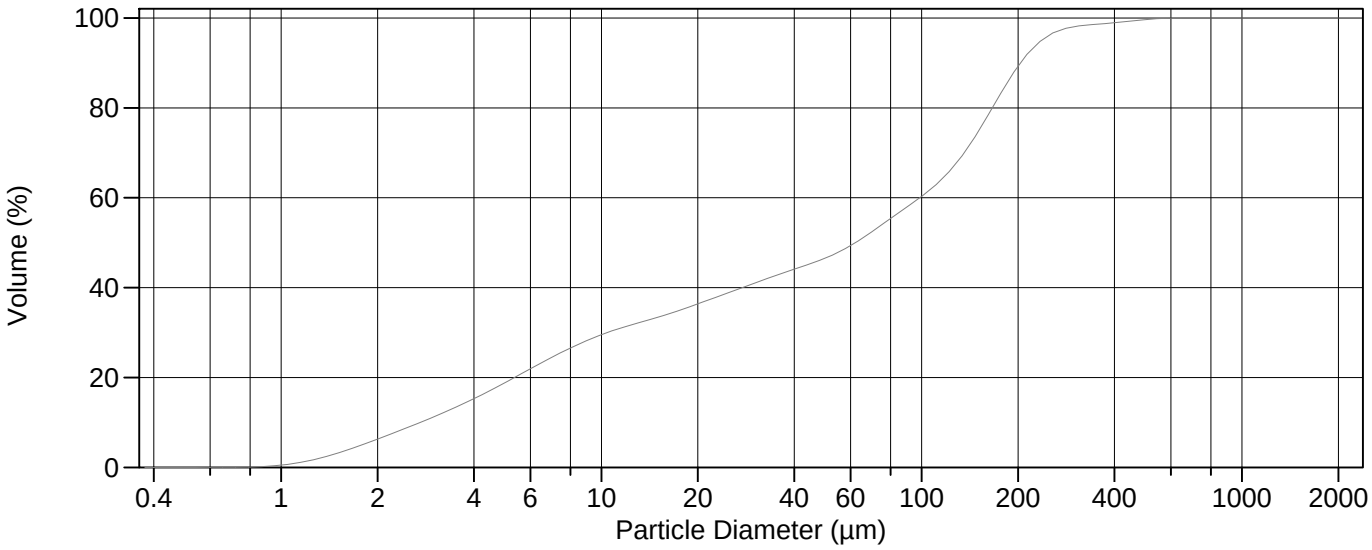

Volume Statistics (Arithmetic) 43.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	87.60 µm	95% Conf. Limits:	0-265.5 µm
Median:	62.10 µm	S.D.:	90.76 µm
D(3,2):	8.835 µm	Variance:	8238 μm^2
Mean/Median Ratio:	1.411	C.V.:	104%
Mode:	168.8 µm	Skewness:	1.359 Right skewed
d_{10}:	2.717 µm	Kurtosis:	2.937 Leptokurtic
d_{50}:	62.10 µm		
d_{90}:	203.9 µm		
Specific Surf. Area	6791 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.717	7.231	62.10	151.1	203.9

43.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.30	500.0	99.6
5.000	18.8	1000	100
10.00	29.5	2000	100
15.00	33.4		
20.00	36.4		
25.00	38.9		
50.00	46.6		
60.00	49.4		
63.00	50.3		
70.00	52.5		
75.00	54.0		
90.00	58.0		
125.0	66.7		
200.0	89.2		
250.0	96.1		
400.0	99.0		

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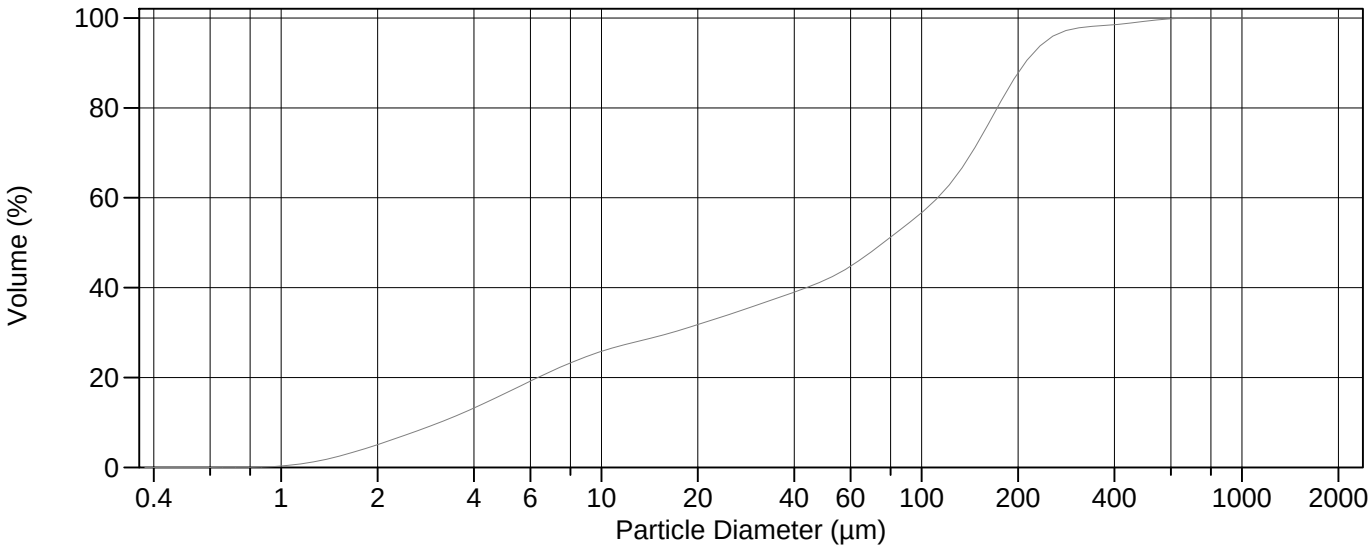

Volume Statistics (Arithmetic) 44.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	96.23 µm	95% Conf. Limits:	0-283.8 µm
Median:	75.90 µm	S.D.:	95.70 µm
D(3,2):	10.25 µm	Variance:	9159 μm^2
Mean/Median Ratio:	1.268	C.V.:	99.5%
Mode:	168.8 µm	Skewness:	1.524 Right skewed
d_{10}:	3.124 µm	Kurtosis:	4.159 Leptokurtic
d_{50}:	75.90 µm		
d_{90}:	210.5 µm		
Specific Surf. Area	5851 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.124	9.261	75.90	157.5	210.5

44.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.07	500.0	99.3
5.000	16.4	1000	100
10.00	25.8	2000	100
15.00	29.2		
20.00	31.8		
25.00	34.0		
50.00	41.7		
60.00	44.8		
63.00	45.8		
70.00	48.1		
75.00	49.7		
90.00	54.1		
125.0	63.9		
200.0	87.7		
250.0	95.3		
400.0	98.5		

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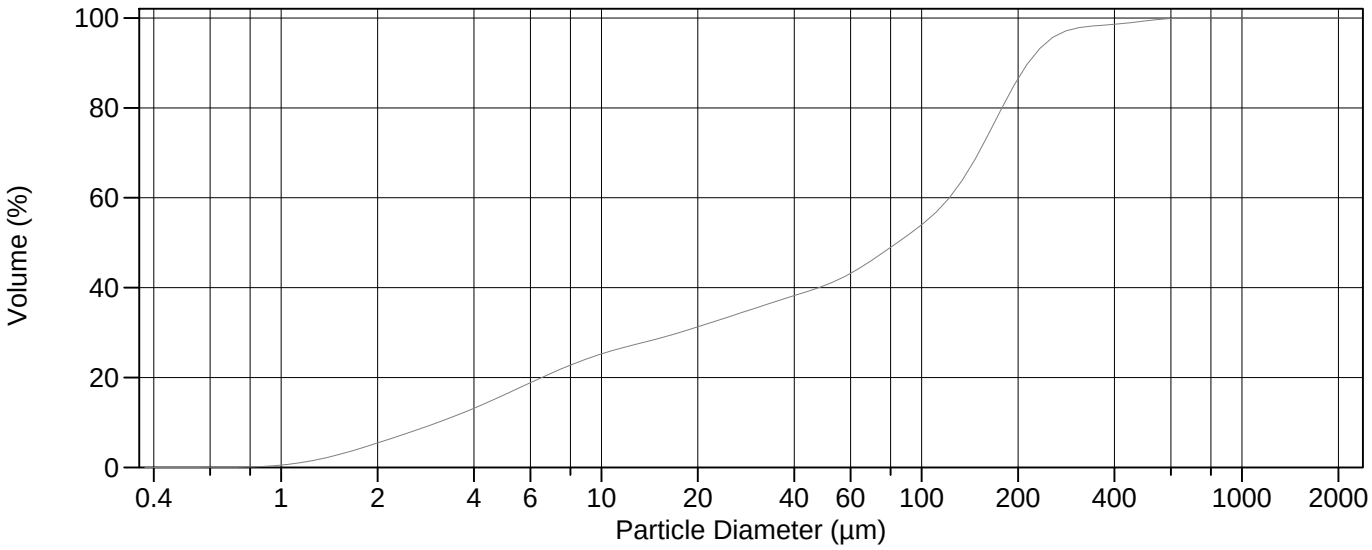

Volume Statistics (Arithmetic) 45.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	100.1 µm	95% Conf. Limits:	0-288.4 µm
Median:	83.82 µm	S.D.:	96.09 µm
D(3,2):	10.12 µm	Variance:	9233 µm^2
Mean/Median Ratio:	1.194	C.V.:	96.0%
Mode:	168.8 µm	Skewness:	1.322 Right skewed
d_{10}:	3.088 µm	Kurtosis:	3.203 Leptokurtic
d_{50}:	83.82 µm		
d_{90}:	215.1 µm		
Specific Surf. Area	5927 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.088	9.731	83.82	164.1	215.1

45.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.44	500.0	99.4
5.000	16.2	1000	100
10.00	25.3	2000	100
15.00	28.6		
20.00	31.3		
25.00	33.5		
50.00	40.5		
60.00	43.2		
63.00	44.1		
70.00	46.1		
75.00	47.6		
90.00	51.5		
125.0	61.0		
200.0	86.4		
250.0	95.0		
400.0	98.6		

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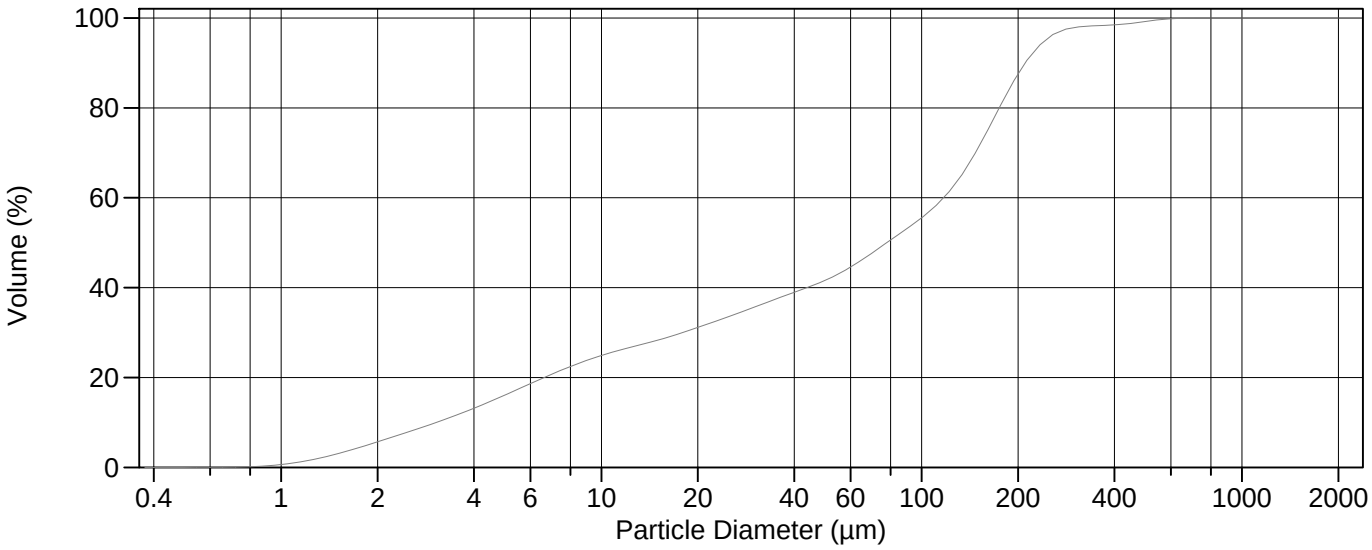

Volume Statistics (Arithmetic) 46.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	97.54 µm	95% Conf. Limits:	0-285.2 µm
Median:	77.78 µm	S.D.:	95.76 µm
D(3,2):	9.958 µm	Variance:	9169 μm^2
Mean/Median Ratio:	1.254	C.V.:	98.2%
Mode:	168.8 µm	Skewness:	1.493 Right skewed
d_{10}:	3.051 µm	Kurtosis:	4.144 Leptokurtic
d_{50}:	77.78 µm		
d_{90}:	210.7 µm		
Specific Surf. Area	6025 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.051	10.11	77.78	160.7	210.7

46.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.69	500.0	99.2
5.000	16.1	1000	100
10.00	24.9	2000	100
15.00	28.3		
20.00	31.1		
25.00	33.6		
50.00	41.6		
60.00	44.6		
63.00	45.5		
70.00	47.7		
75.00	49.2		
90.00	53.2		
125.0	62.4		
200.0	87.4		
250.0	95.6		
400.0	98.5		

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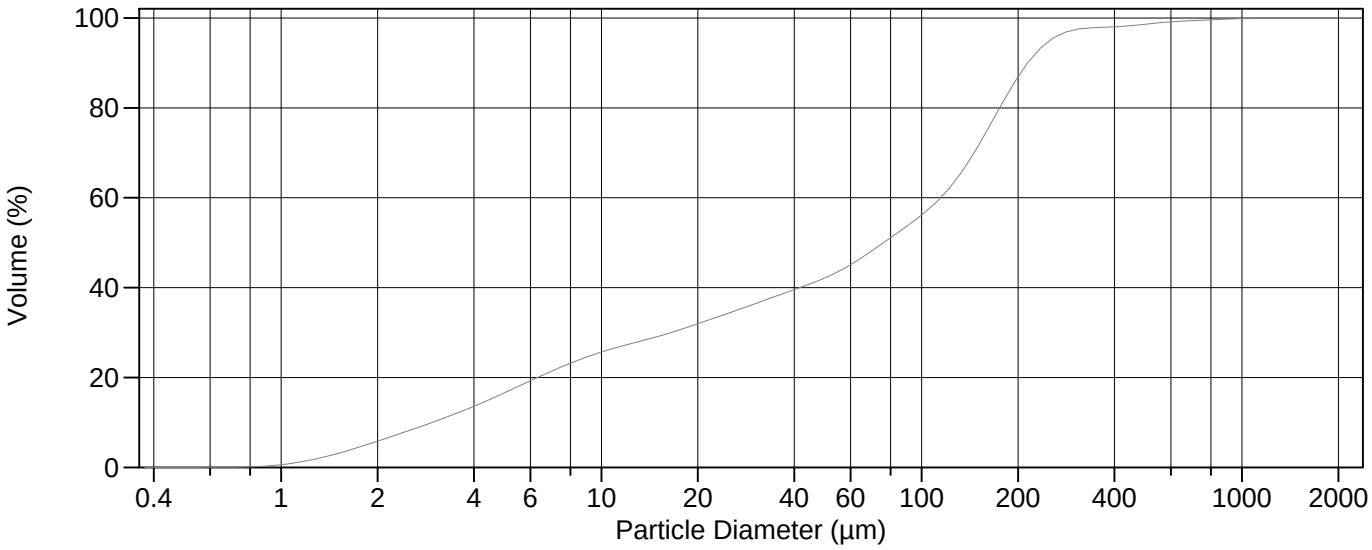

Volume Statistics (Arithmetic) 47.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	100.8 µm	95% Conf. Limits:	0-323.5 µm
Median:	75.99 µm	S.D.:	113.6 µm
D(3,2):	9.724 µm	Variance:	12913 μm^2
Mean/Median Ratio:	1.326	C.V.:	113%
Mode:	168.8 µm	Skewness:	2.914 Right skewed
d_{10}:	2.962 µm	Kurtosis:	15.93 Leptokurtic
d_{50}:	75.99 µm		
d_{90}:	214.3 µm		
Specific Surf. Area	6170 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.962	9.383	75.99	160.2	214.3

47.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.85	500.0	98.6
5.000	16.7	1000	99.9
10.00	25.7	2000	100
15.00	29.1		
20.00	32.0		
25.00	34.4		
50.00	42.2		
60.00	45.1		
63.00	46.0		
70.00	48.2		
75.00	49.7		
90.00	53.7		
125.0	63.1		
200.0	86.8		
250.0	94.8		
400.0	98.0		

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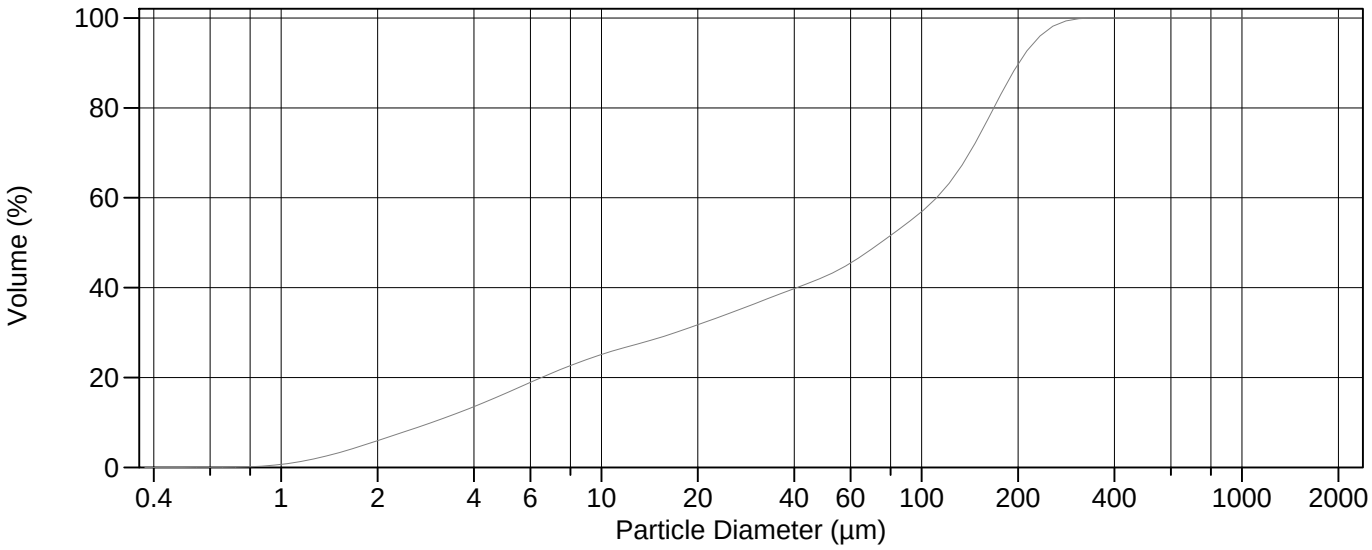

Volume Statistics (Arithmetic) 48.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	89.39 µm	95% Conf. Limits:	0-244.4 µm
Median:	74.45 µm	S.D.:	79.09 µm
D(3,2):	9.701 µm	Variance:	6255 μm^2
Mean/Median Ratio:	1.201	C.V.:	88.5%
Mode:	168.8 µm	Skewness:	0.510 Right skewed
d_{10}:	2.952 µm	Kurtosis:	-0.904 Platykurtic
d_{50}:	74.45 µm		
d_{90}:	201.7 µm		
Specific Surf. Area	6185 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.952	9.874	74.45	154.5	201.7

48.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.95	500.0	100
5.000	16.4	1000	100
10.00	25.1	2000	100
15.00	28.8		
20.00	31.7		
25.00	34.3		
50.00	42.5		
60.00	45.5		
63.00	46.4		
70.00	48.6		
75.00	50.2		
90.00	54.3		
125.0	64.3		
200.0	89.6		
250.0	97.5		
400.0	100.0		

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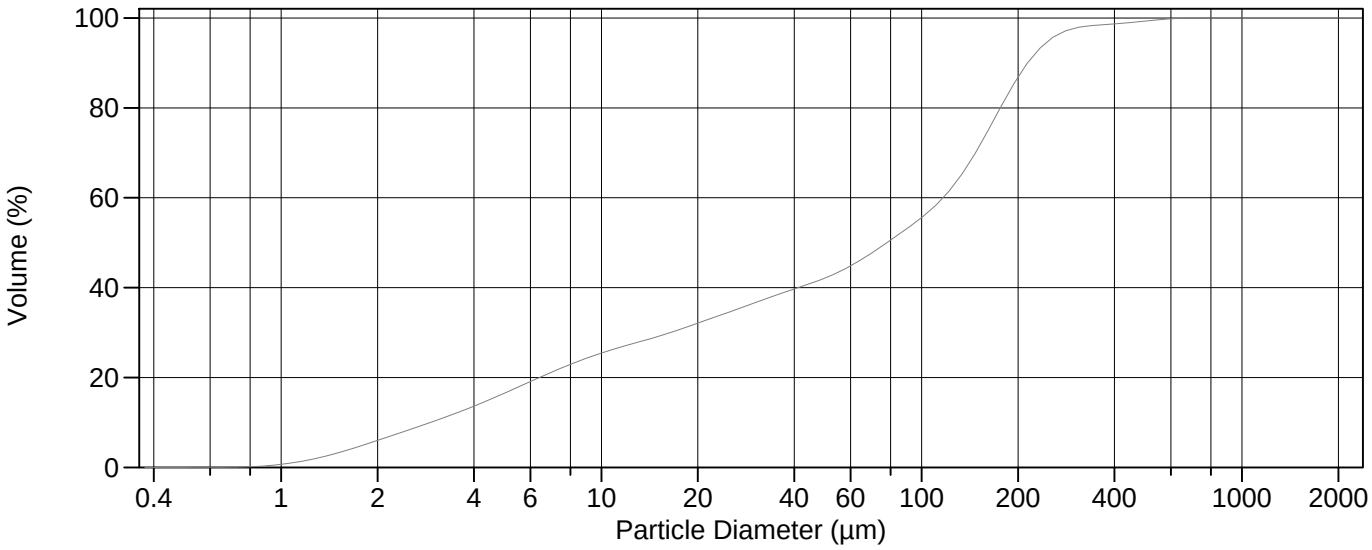

Volume Statistics (Arithmetic) 49.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	97.58 µm	95% Conf. Limits:	0-286.1 µm
Median:	77.80 µm	S.D.:	96.17 µm
D(3,2):	9.647 µm	Variance:	9250 μm^2
Mean/Median Ratio:	1.254	C.V.:	98.6%
Mode:	168.8 µm	Skewness:	1.419 Right skewed
d_{10}:	2.928 µm	Kurtosis:	3.719 Leptokurtic
d_{50}:	77.80 µm		
d_{90}:	214.1 µm		
Specific Surf. Area	6219 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.928	9.583	77.80	161.3	214.1

49.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.01	500.0	99.3
5.000	16.6	1000	100
10.00	25.4	2000	100
15.00	29.1		
20.00	32.1		
25.00	34.5		
50.00	42.2		
60.00	44.8		
63.00	45.7		
70.00	47.8		
75.00	49.2		
90.00	53.2		
125.0	62.5		
200.0	86.8		
250.0	95.0		
400.0	98.7		

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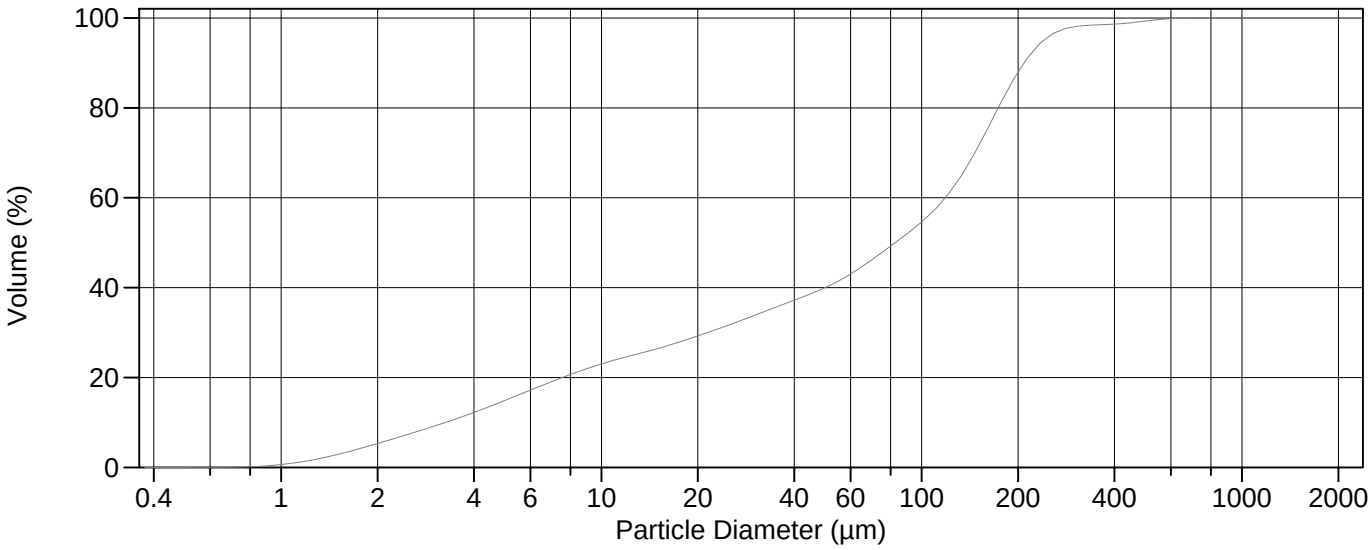

Volume Statistics (Arithmetic) 50.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	98.36 µm	95% Conf. Limits:	0-281.1 µm
Median:	82.67 µm	S.D.:	93.25 µm
D(3,2):	10.57 µm	Variance:	8695 μm^2
Mean/Median Ratio:	1.190	C.V.:	94.8%
Mode:	168.8 µm	Skewness:	1.454 Right skewed
d_{10}:	3.259 µm	Kurtosis:	4.192 Leptokurtic
d_{50}:	82.67 µm		
d_{90}:	209.0 µm		
Specific Surf. Area	5677 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.259	12.58	82.67	159.7	209.0

50.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.32	500.0	99.3
5.000	14.9	1000	100
10.00	23.0	2000	100
15.00	26.5		
20.00	29.3		
25.00	31.7		
50.00	40.0		
60.00	43.0		
63.00	44.0		
70.00	46.2		
75.00	47.8		
90.00	52.0		
125.0	62.1		
200.0	87.9		
250.0	95.9		
400.0	98.6		

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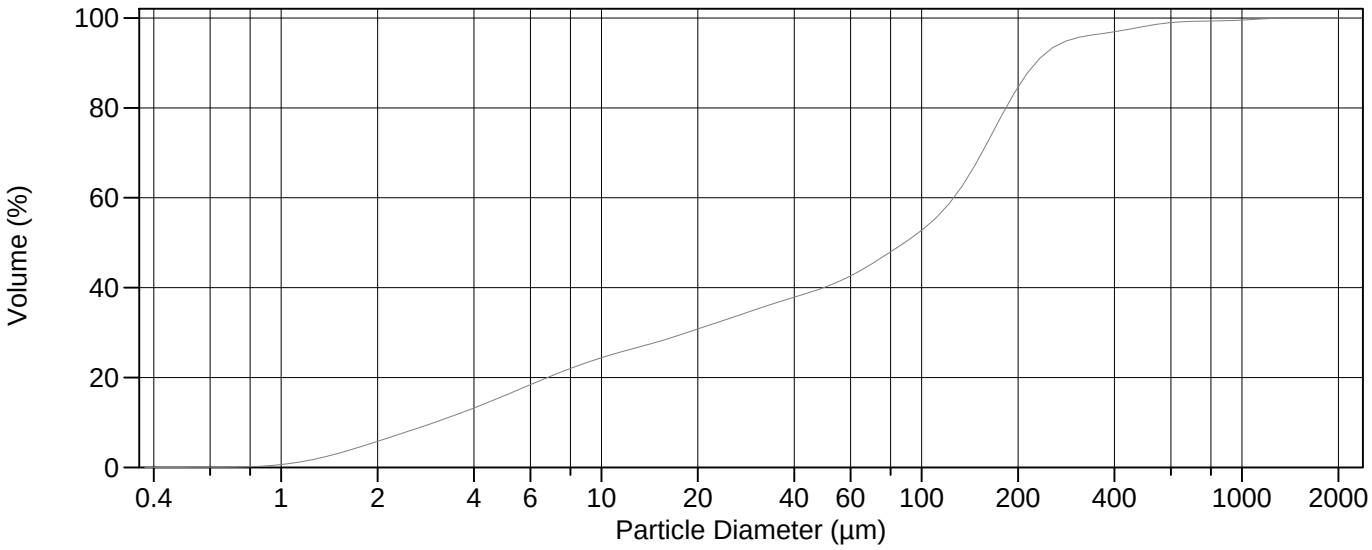

Volume Statistics (Arithmetic) 51.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	112.1 µm	95% Conf. Limits:	0-373.2 µm
Median:	88.34 µm	S.D.:	133.2 µm
D(3,2):	10.02 µm	Variance:	17755 µm^2
Mean/Median Ratio:	1.269	C.V.:	119%
Mode:	168.8 µm	Skewness:	3.465 Right skewed
d_{10}:	3.011 µm	Kurtosis:	20.97 Leptokurtic
d_{50}:	88.34 µm		
d_{90}:	227.5 µm		
Specific Surf. Area	5986 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.011	10.66	88.34	168.2	227.5

51.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.80	500.0	98.2
5.000	16.0	1000	99.6
10.00	24.4	2000	100
15.00	27.9		
20.00	30.8		
25.00	33.1		
50.00	40.1		
60.00	42.6		
63.00	43.4		
70.00	45.3		
75.00	46.7		
90.00	50.4		
125.0	59.7		
200.0	84.6		
250.0	92.7		
400.0	96.9		

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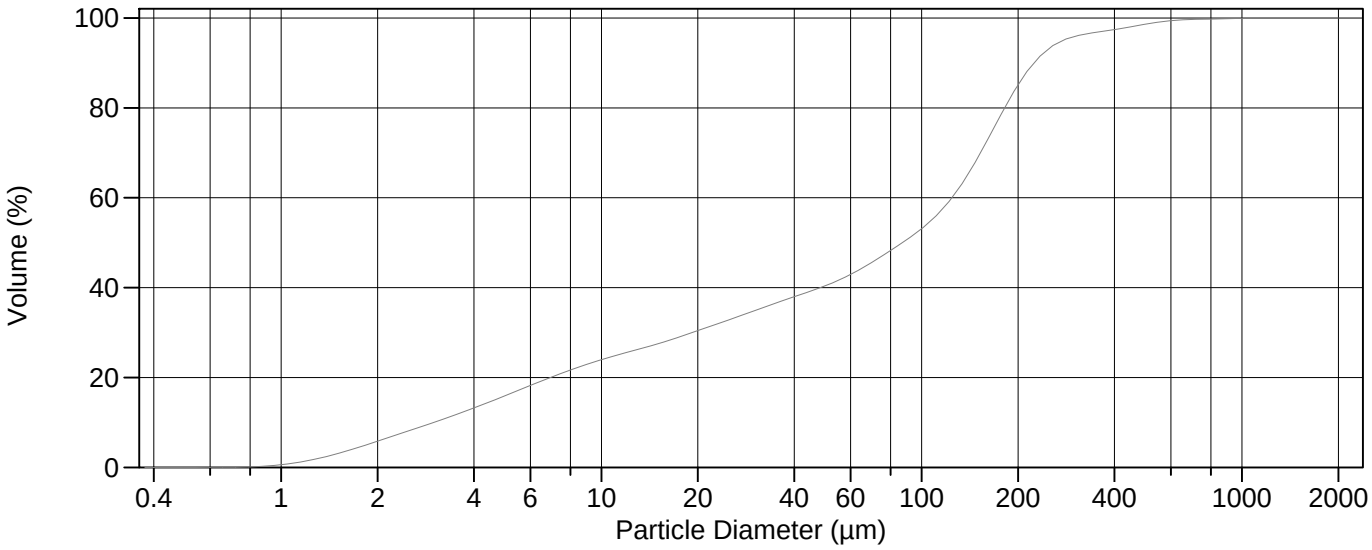

Volume Statistics (Arithmetic) 52.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	107.4 µm	95% Conf. Limits:	0-331.6 µm
Median:	87.05 µm	S.D.:	114.4 µm
D(3,2):	10.07 µm	Variance:	13088 μm^2
Mean/Median Ratio:	1.233	C.V.:	107%
Mode:	168.8 µm	Skewness:	2.333 Right skewed
d_{10}:	2.995 µm	Kurtosis:	10.83 Leptokurtic
d_{50}:	87.05 µm		
d_{90}:	224.9 µm		
Specific Surf. Area	5959 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.995	11.22	87.05	166.6	224.9

52.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.83	500.0	98.6
5.000	15.9	1000	99.9
10.00	24.0	2000	100
15.00	27.5		
20.00	30.4		
25.00	32.8		
50.00	40.4		
60.00	42.9		
63.00	43.7		
70.00	45.7		
75.00	47.0		
90.00	50.7		
125.0	60.2		
200.0	85.0		
250.0	93.2		
400.0	97.4		

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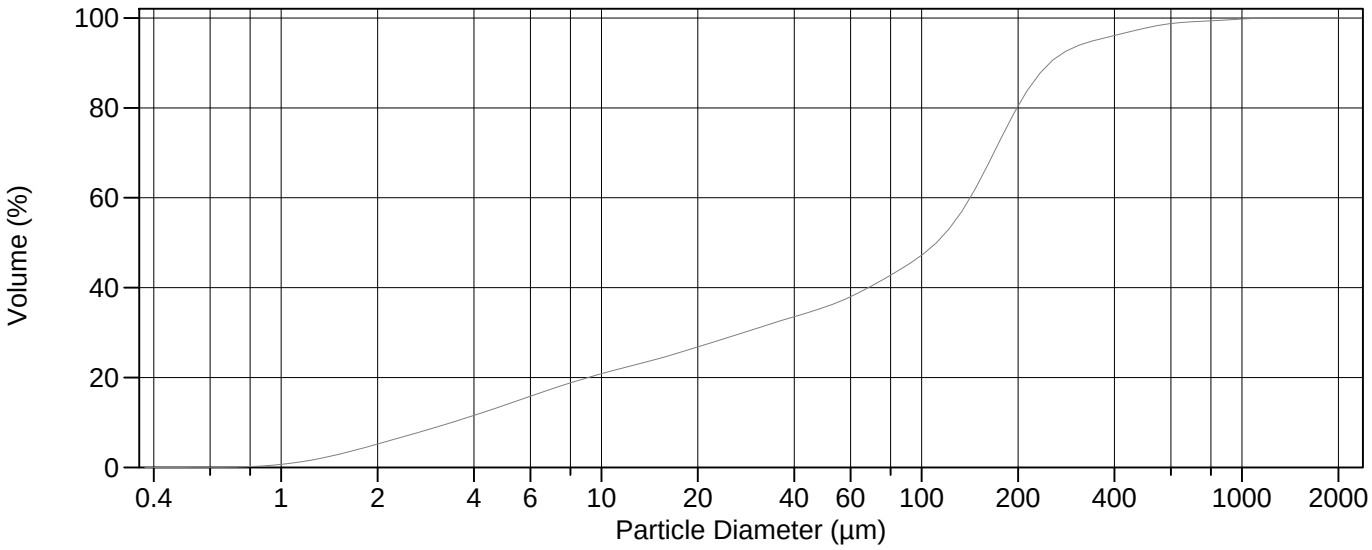

Volume Statistics (Arithmetic) 53.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	126.2 µm	95% Conf. Limits:	0-390.0 µm
Median:	111.2 µm	S.D.:	134.6 µm
D(3,2):	11.27 µm	Variance:	18118 µm^2
Mean/Median Ratio:	1.135	C.V.:	107%
Mode:	168.8 µm	Skewness:	2.534 Right skewed
d_{10}:	3.408 µm	Kurtosis:	11.26 Leptokurtic
d_{50}:	111.2 µm		
d_{90}:	251.7 µm		
Specific Surf. Area	5326 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.408	16.51	111.2	182.4	251.7

53.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.20	500.0	97.8
5.000	13.9	1000	99.8
10.00	20.9	2000	100
15.00	24.2		
20.00	26.8		
25.00	29.0		
50.00	35.7		
60.00	38.0		
63.00	38.7		
70.00	40.4		
75.00	41.6		
90.00	45.0		
125.0	54.2		
200.0	80.3		
250.0	89.8		
400.0	96.1		

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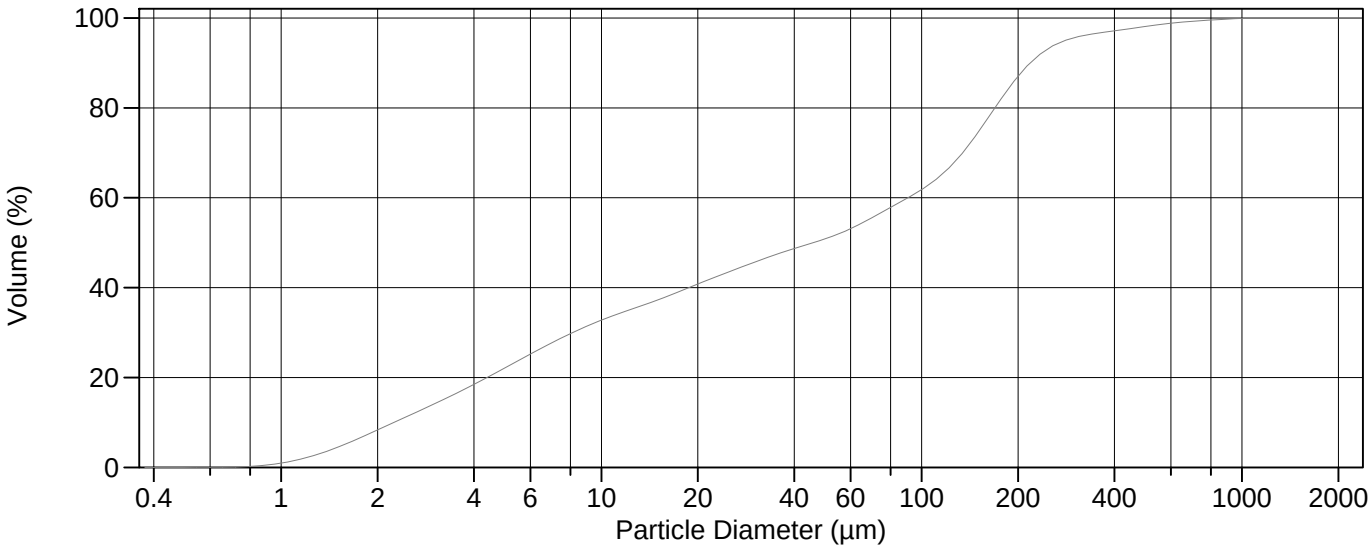

Volume Statistics (Arithmetic) 54#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	94.26 µm	95% Conf. Limits:	0-339.9 µm
Median:	45.88 µm	S.D.:	125.3 µm
D(3,2):	7.435 µm	Variance:	15704 μm^2
Mean/Median Ratio:	2.055	C.V.:	133%
Mode:	168.8 µm	Skewness:	2.862 Right skewed
d_{10}:	2.251 µm	Kurtosis:	12.84 Leptokurtic
d_{50}:	45.88 µm		
d_{90}:	218.7 µm		
Specific Surf. Area	8070 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.251	5.926	45.88	151.6	218.7

54#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.33	500.0	98.1
5.000	22.1	1000	99.9
10.00	32.8	2000	100
15.00	37.3		
20.00	40.8		
25.00	43.5		
50.00	50.9		
60.00	53.1		
63.00	53.9		
70.00	55.6		
75.00	56.7		
90.00	59.9		
125.0	67.5		
200.0	87.0		
250.0	93.3		
400.0	97.1		

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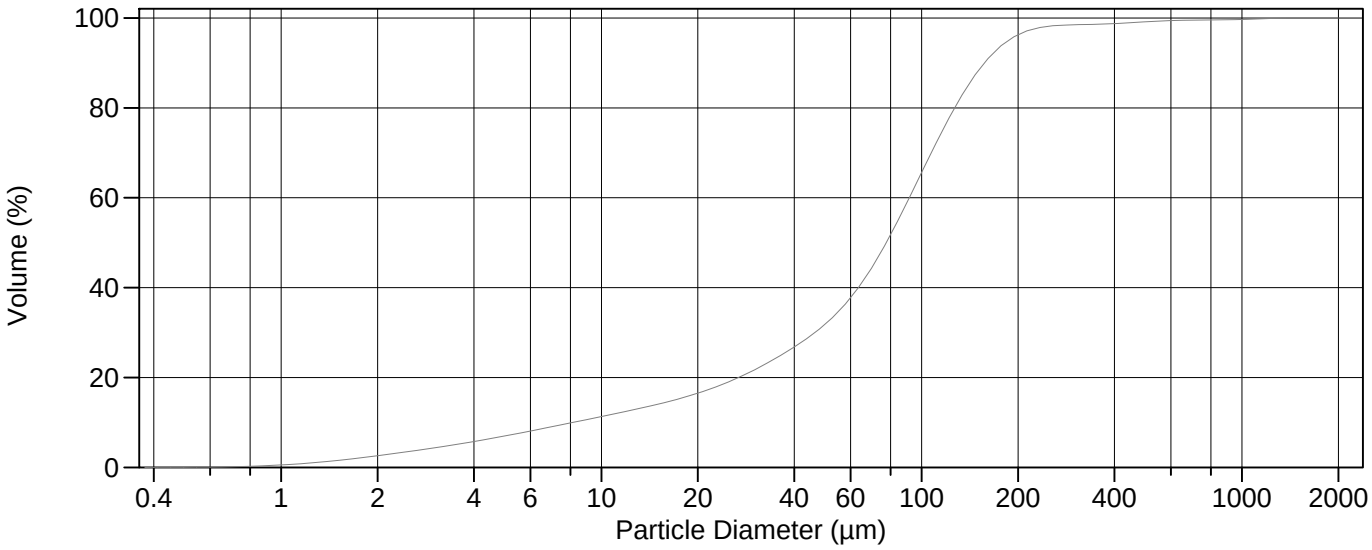

Volume Statistics (Arithmetic) 55.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	88.24 µm	95% Conf. Limits:	0-277.7 µm
Median:	77.51 µm	S.D.:	96.64 µm
D(3,2):	17.55 µm	Variance:	9340 μm^2
Mean/Median Ratio:	1.138	C.V.:	110%
Mode:	96.49 µm	Skewness:	6.407 Right skewed
d_{10}:	8.132 µm	Kurtosis:	63.98 Leptokurtic
d_{50}:	77.51 µm		
d_{90}:	157.3 µm		
Specific Surf. Area	3419 cm^2/ml		

% <	10	25	50	75	90
Size µm	8.132	36.42	77.51	116.4	157.3

55.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	2.60	500.0	99.2
5.000	7.00	1000	99.7
10.00	11.3	2000	100
15.00	14.0		
20.00	16.5		
25.00	19.1		
50.00	31.9		
60.00	37.8		
63.00	39.7		
70.00	44.5		
75.00	48.2		
90.00	59.0		
125.0	79.2		
200.0	96.2		
250.0	98.2		
400.0	98.8		

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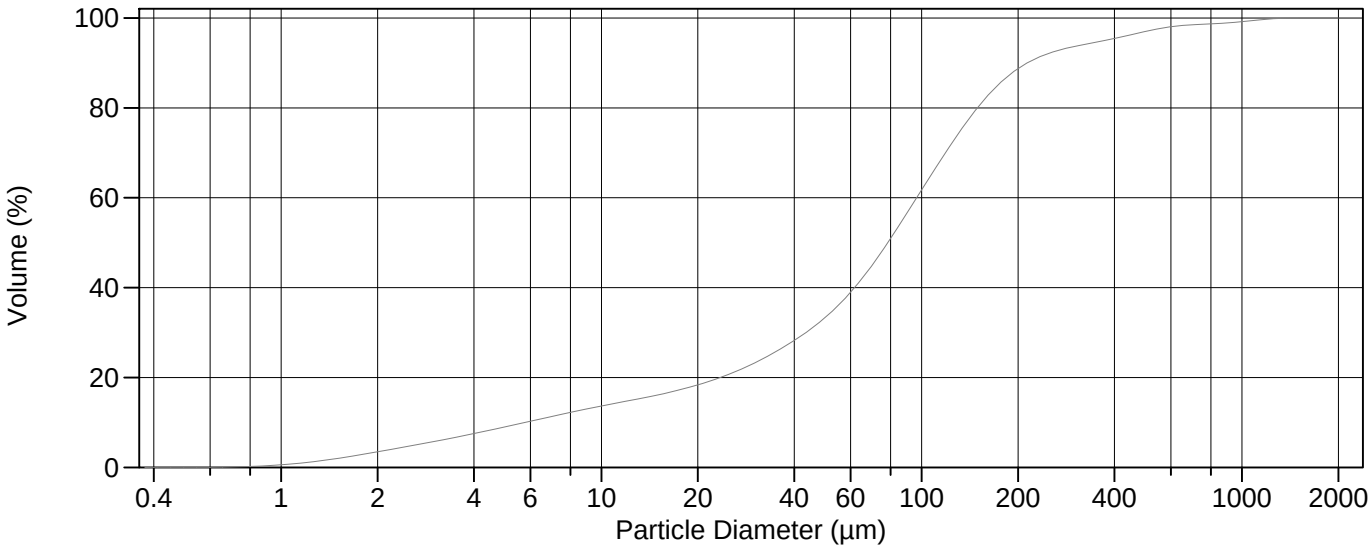

Volume Statistics (Arithmetic) 56.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	113.6 µm	95% Conf. Limits:	0-413.5 µm
Median:	78.35 µm	S.D.:	153.0 µm
D(3,2):	15.20 µm	Variance:	23410 µm^2
Mean/Median Ratio:	1.449	C.V.:	135%
Mode:	96.49 µm	Skewness:	4.092 Right skewed
d_{10}:	5.777 µm	Kurtosis:	21.88 Leptokurtic
d_{50}:	78.35 µm		
d_{90}:	213.2 µm		
Specific Surf. Area	3948 cm^2/ml		

% <	10	25	50	75	90
Size µm	5.777	33.56	78.35	132.3	213.2

56.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	3.47	500.0	97.0
5.000	9.00	1000	99.2
10.00	13.7	2000	100
15.00	16.1		
20.00	18.4		
25.00	20.7		
50.00	33.4		
60.00	39.0		
63.00	40.7		
70.00	45.0		
75.00	48.0		
90.00	56.6		
125.0	72.4		
200.0	88.7		
250.0	92.1		
400.0	95.4		

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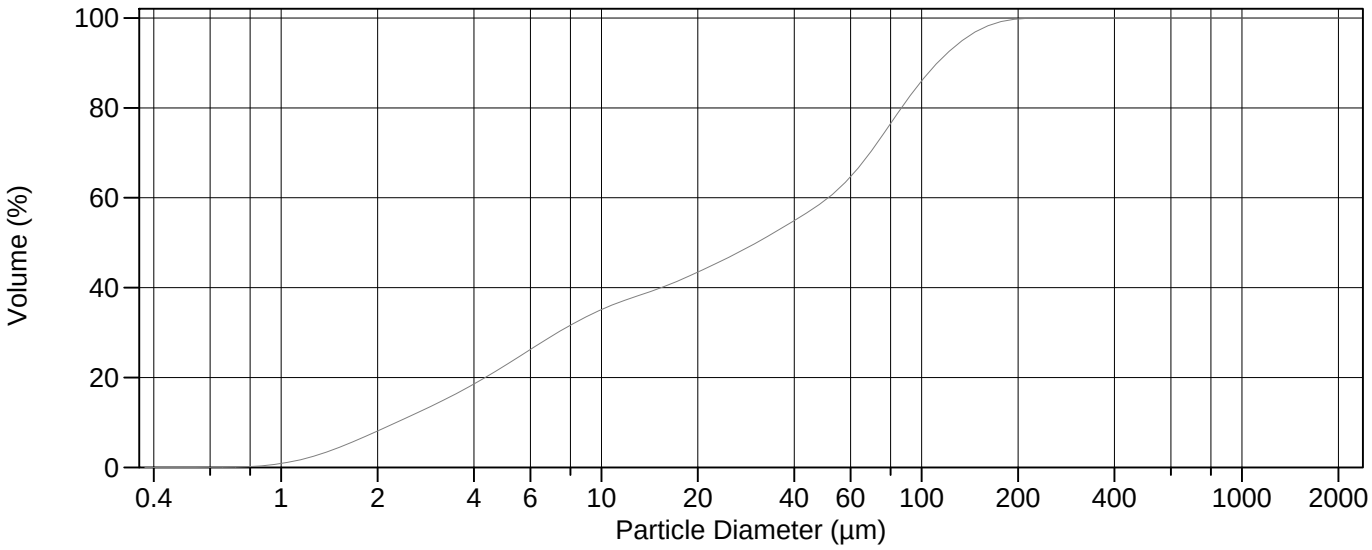

Volume Statistics (Arithmetic) 57.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	45.92 µm	95% Conf. Limits:	0-135.0 µm
Median:	30.47 µm	S.D.:	45.42 µm
D(3,2):	7.146 µm	Variance:	2063 μm^2
Mean/Median Ratio:	1.507	C.V.:	98.9%
Mode:	80.08 µm	Skewness:	0.941 Right skewed
d_{10}:	2.290 µm	Kurtosis:	0.108 Leptokurtic
d_{50}:	30.47 µm		
d_{90}:	111.9 µm		
Specific Surf. Area	8397 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.290	5.637	30.47	77.32	111.9

57.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.10	500.0	100
5.000	22.6	1000	100
10.00	35.1	2000	100
15.00	39.7		
20.00	43.4		
25.00	46.8		
50.00	59.5		
60.00	64.7		
63.00	66.4		
70.00	70.6		
75.00	73.6		
90.00	81.7		
125.0	93.2		
200.0	99.8		
250.0	100.0		
400.0	100		

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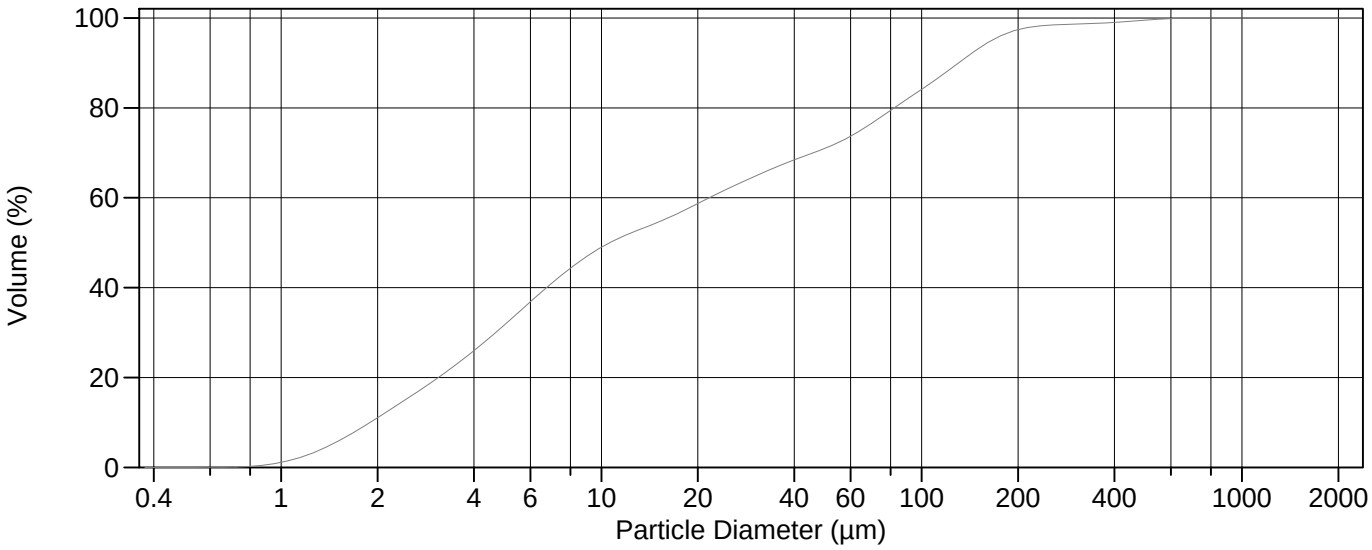

Volume Statistics (Arithmetic) 58.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	44.58 µm	95% Conf. Limits:	0-186.8 µm
Median:	10.62 µm	S.D.:	72.56 µm
D(3,2):	5.376 µm	Variance:	5264 μm^2
Mean/Median Ratio:	4.198	C.V.:	163%
Mode:	5.355 µm	Skewness:	3.561 Right skewed
d_{10}:	1.896 µm	Kurtosis:	18.76 Leptokurtic
d_{50}:	10.62 µm		
d_{90}:	130.4 µm		
Specific Surf. Area	11162 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.896	3.844	10.62	64.50	130.4

58.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	11.1	500.0	99.5
5.000	31.8	1000	100
10.00	49.0	2000	100
15.00	54.5		
20.00	58.7		
25.00	62.1		
50.00	71.0		
60.00	73.7		
63.00	74.6		
70.00	76.6		
75.00	78.1		
90.00	81.9		
125.0	89.0		
200.0	97.4		
250.0	98.4		
400.0	99.0		

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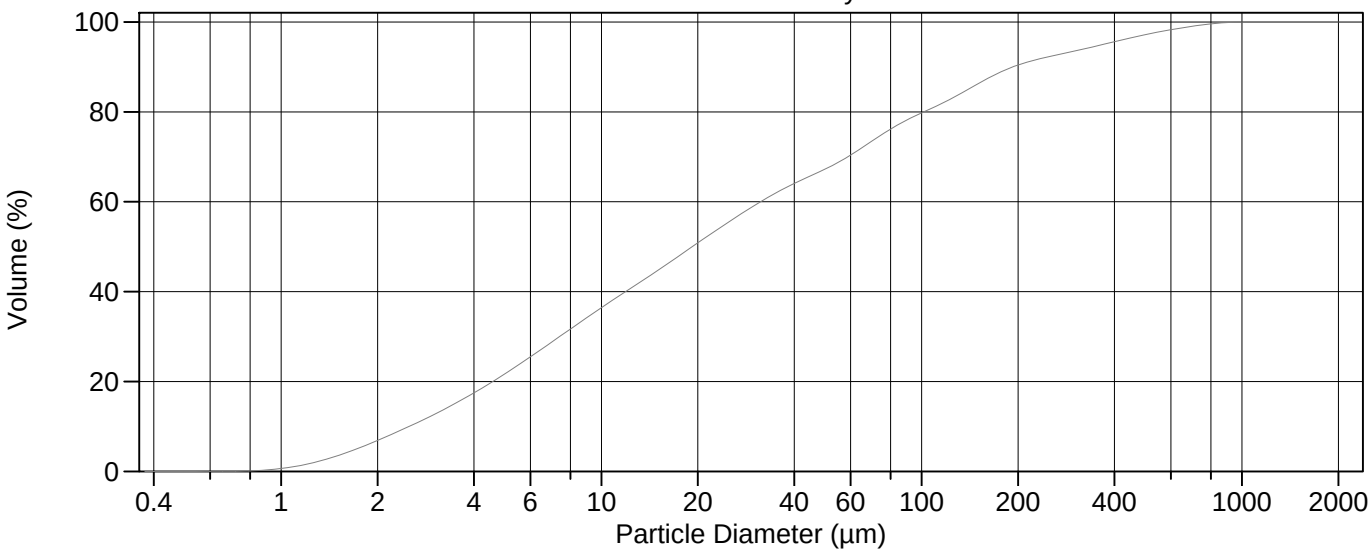

Volume Statistics (Arithmetic) 59.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	73.44 µm	95% Conf. Limits:	0-335.8 µm
Median:	19.22 µm	S.D.:	133.9 µm
D(3,2):	7.321 µm	Variance:	17917 μm^2
Mean/Median Ratio:	3.820	C.V.:	182%
Mode:	7.776 µm	Skewness:	3.221 Right skewed
d_{10}:	2.510 µm	Kurtosis:	11.69 Leptokurtic
d_{50}:	19.22 µm		
d_{90}:	192.5 µm		
Specific Surf. Area	8195 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.510	5.866	19.22	75.25	192.5

59.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.89	500.0	97.2
5.000	21.7	1000	100.0
10.00	36.4	2000	100
15.00	44.7		
20.00	50.8		
25.00	55.5		
50.00	67.3		
60.00	70.4		
63.00	71.4		
70.00	73.5		
75.00	74.9		
90.00	78.2		
125.0	83.1		
200.0	90.4		
250.0	92.3		
400.0	95.6		

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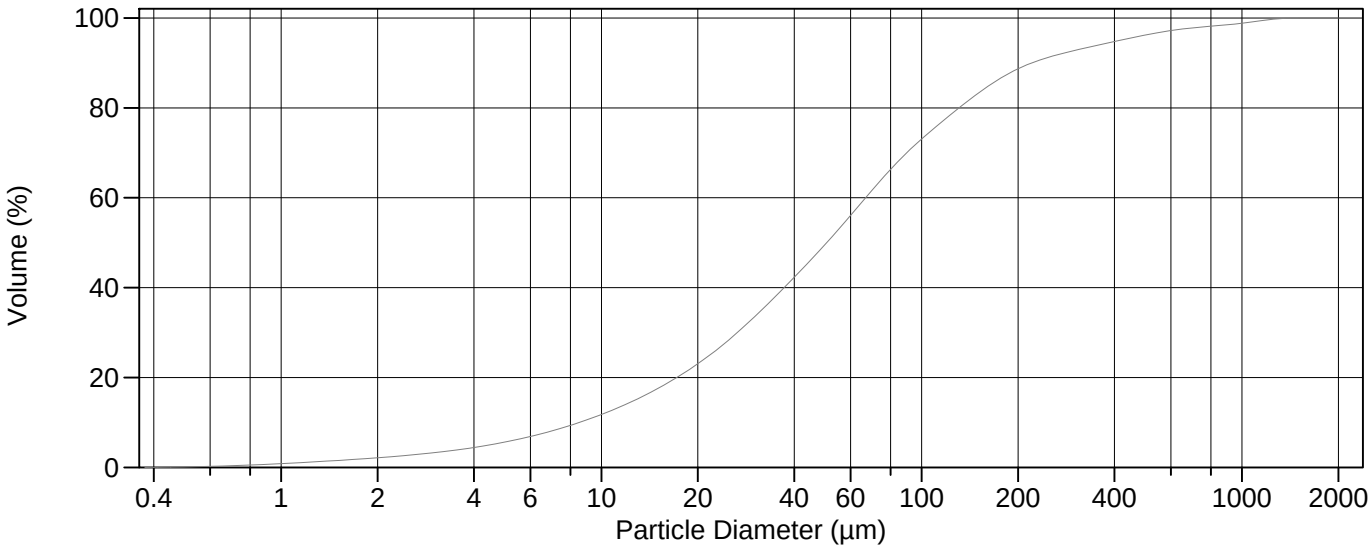

Volume Statistics (Arithmetic) 60.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	104.6 µm	95% Conf. Limits:	0-447.0 µm
Median:	50.57 µm	S.D.:	174.7 µm
D(3,2):	16.18 µm	Variance:	30526 µm^2
Mean/Median Ratio:	2.067	C.V.:	167%
Mode:	66.44 µm	Skewness:	4.028 Right skewed
d_{10}:	8.529 µm	Kurtosis:	19.22 Leptokurtic
d_{50}:	50.57 µm		
d_{90}:	221.2 µm		
Specific Surf. Area	3708 cm^2/ml		

% <	10	25	50	75	90
Size µm	8.529	21.81	50.57	107.5	221.2

60.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	2.14	500.0	96.2
5.000	5.64	1000	98.8
10.00	11.8	2000	100
15.00	17.5		
20.00	23.1		
25.00	28.4		
50.00	49.6		
60.00	56.0		
63.00	57.9		
70.00	61.7		
75.00	64.1		
90.00	70.1		
125.0	78.9		
200.0	88.7		
250.0	91.3		
400.0	94.8		

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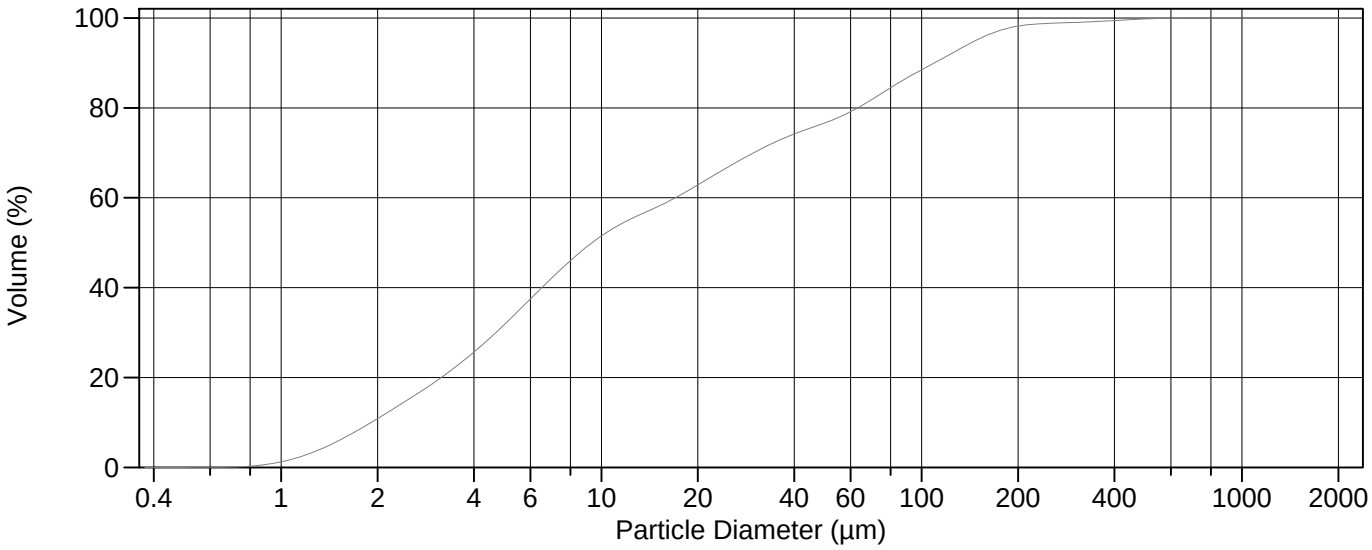

Volume Statistics (Arithmetic) 61.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	36.28 µm	95% Conf. Limits:	0-156.0 µm
Median:	9.363 µm	S.D.:	61.09 µm
D(3,2):	5.246 µm	Variance:	3732 μm^2
Mean/Median Ratio:	3.875	C.V.:	168%
Mode:	5.878 µm	Skewness:	3.737 Right skewed
d_{10}:	1.911 µm	Kurtosis:	20.72 Leptokurtic
d_{50}:	9.363 µm		
d_{90}:	109.5 µm		
Specific Surf. Area	11438 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.911	3.898	9.363	42.92	109.5

61.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.9	500.0	99.8
5.000	31.9	1000	100
10.00	51.5	2000	100
15.00	58.0		
20.00	62.8		
25.00	67.0		
50.00	76.7		
60.00	79.2		
63.00	80.0		
70.00	81.9		
75.00	83.2		
90.00	86.7		
125.0	92.2		
200.0	98.2		
250.0	98.8		
400.0	99.4		

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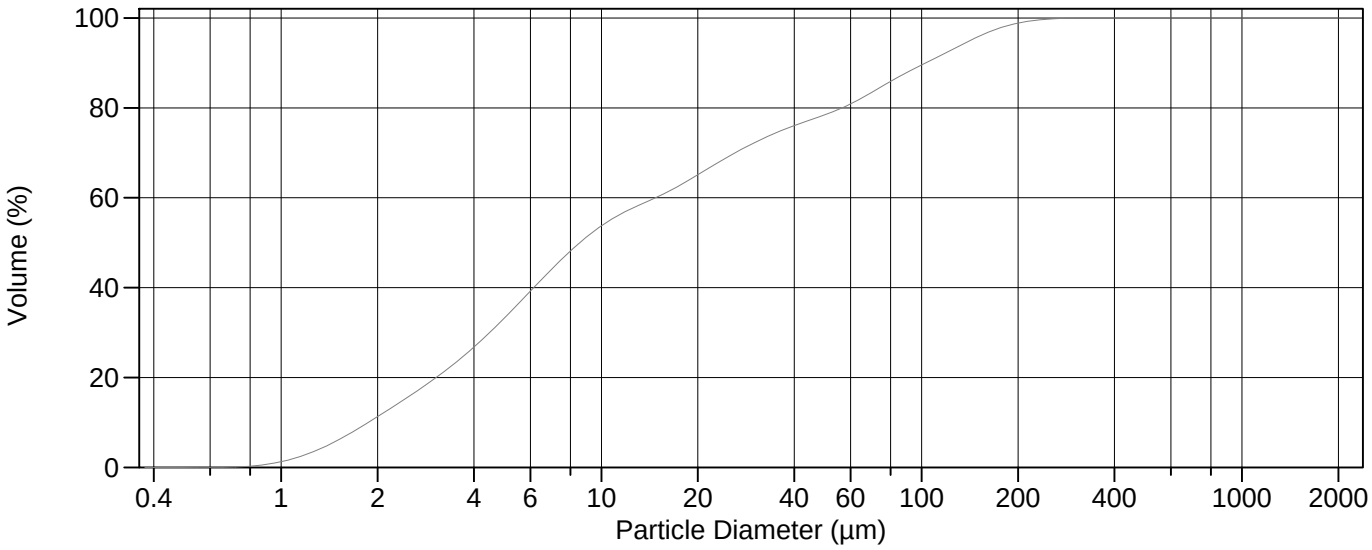

Volume Statistics (Arithmetic) 62#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	31.73 µm	95% Conf. Limits:	0-124.5 µm
Median:	8.570 µm	S.D.:	47.32 µm
D(3,2):	5.058 µm	Variance:	2239 μm^2
Mean/Median Ratio:	3.702	C.V.:	149%
Mode:	5.878 µm	Skewness:	2.140 Right skewed
d_{10}:	1.872 µm	Kurtosis:	4.464 Leptokurtic
d_{50}:	8.570 µm		
d_{90}:	102.9 µm		
Specific Surf. Area	11862 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.872	3.743	8.570	36.61	102.9

62#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	11.3	500.0	100
5.000	33.4	1000	100
10.00	53.7	2000	100
15.00	60.2		
20.00	65.1		
25.00	69.2		
50.00	78.5		
60.00	80.9		
63.00	81.7		
70.00	83.5		
75.00	84.8		
90.00	87.9		
125.0	93.0		
200.0	98.9		
250.0	99.8		
400.0	100		

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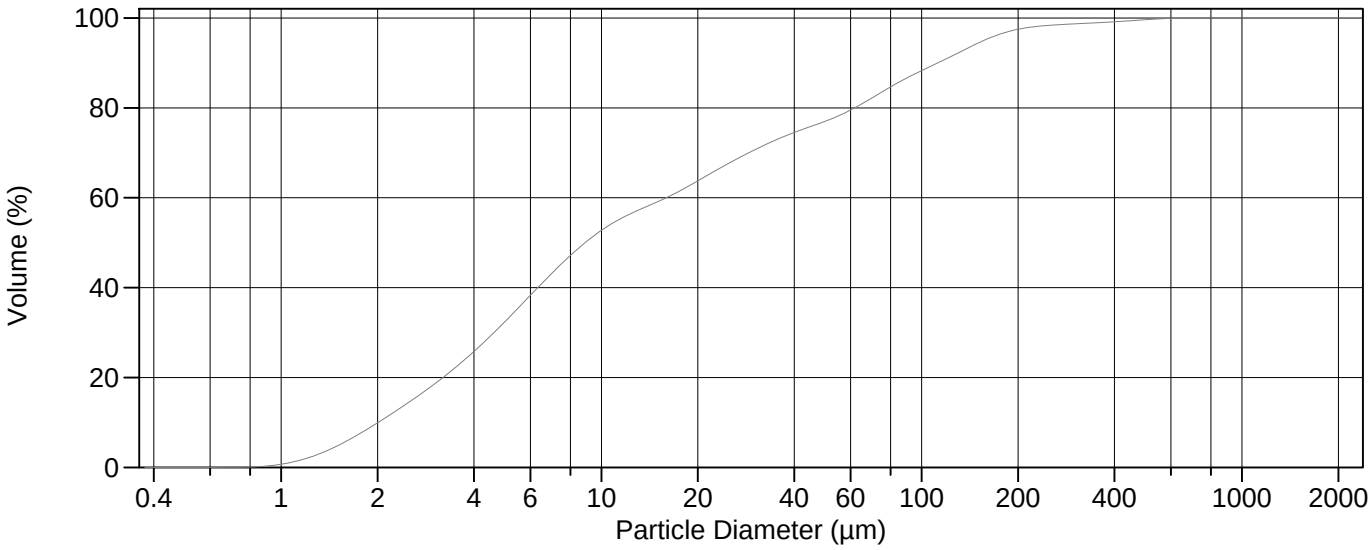

Volume Statistics (Arithmetic) 63.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	37.72 µm	95% Conf. Limits:	0-170.6 µm
Median:	8.888 µm	S.D.:	67.82 µm
D(3,2):	5.388 µm	Variance:	4599 μm^2
Mean/Median Ratio:	4.243	C.V.:	180%
Mode:	5.878 µm	Skewness:	3.951 Right skewed
d_{10}:	2.007 µm	Kurtosis:	21.64 Leptokurtic
d_{50}:	8.888 µm		
d_{90}:	112.3 µm		
Specific Surf. Area	11137 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.007	3.886	8.888	41.73	112.3

63.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.93	500.0	99.6
5.000	32.4	1000	100
10.00	52.7	2000	100
15.00	59.1		
20.00	63.8		
25.00	67.7		
50.00	77.0		
60.00	79.5		
63.00	80.3		
70.00	82.2		
75.00	83.5		
90.00	86.7		
125.0	91.6		
200.0	97.5		
250.0	98.4		
400.0	99.2		

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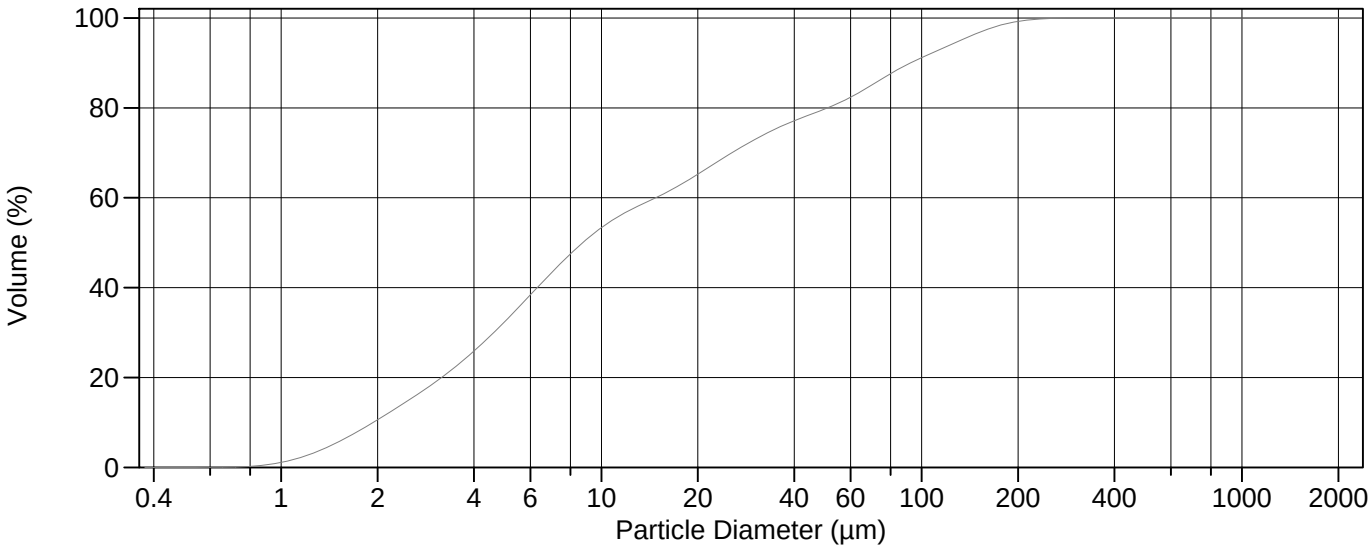

Volume Statistics (Arithmetic) 64.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	29.69 µm	95% Conf. Limits:	0-115.2 µm
Median:	8.749 µm	S.D.:	43.63 µm
D(3,2):	5.194 µm	Variance:	1904 μm^2
Mean/Median Ratio:	3.393	C.V.:	147%
Mode:	5.878 µm	Skewness:	2.196 Right skewed
d_{10}:	1.938 µm	Kurtosis:	4.822 Leptokurtic
d_{50}:	8.749 µm		
d_{90}:	92.15 µm		
Specific Surf. Area	11552 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.938	3.870	8.749	34.27	92.15

64.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.6	500.0	100
5.000	32.5	1000	100
10.00	53.3	2000	100
15.00	60.2		
20.00	65.2		
25.00	69.6		
50.00	79.8		
60.00	82.4		
63.00	83.2		
70.00	85.1		
75.00	86.4		
90.00	89.6		
125.0	94.3		
200.0	99.2		
250.0	99.9		
400.0	100		

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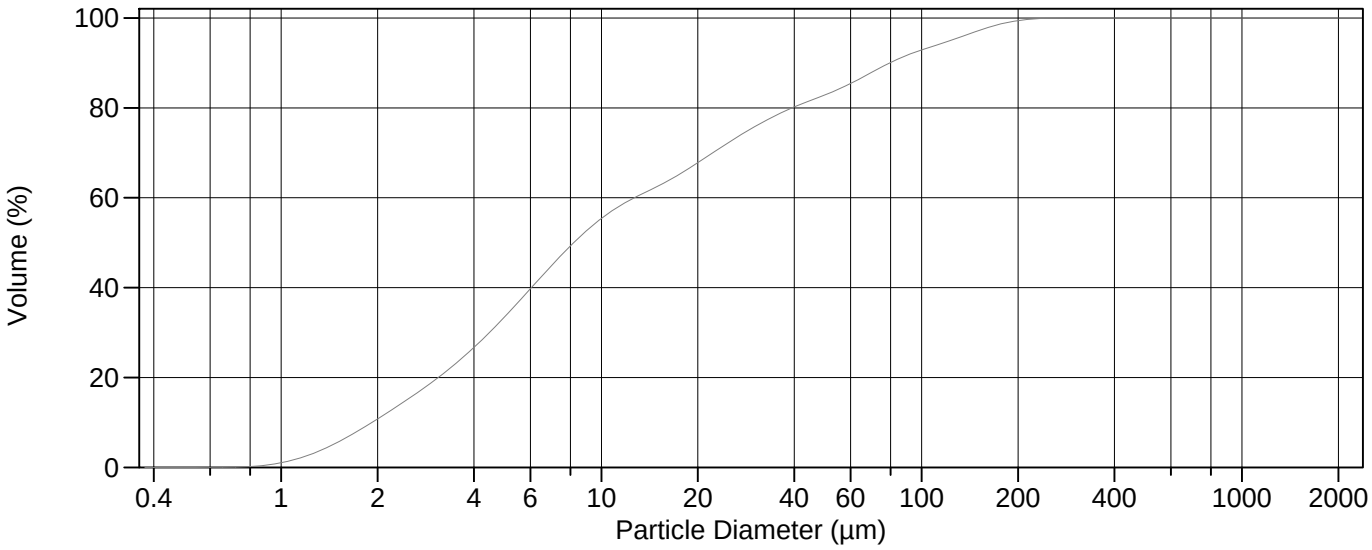

Volume Statistics (Arithmetic) 65.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	26.48 µm	95% Conf. Limits:	0-105.6 µm
Median:	8.190 µm	S.D.:	40.37 µm
D(3,2):	5.057 µm	Variance:	1630 μm^2
Mean/Median Ratio:	3.234	C.V.:	152%
Mode:	5.878 µm	Skewness:	2.444 Right skewed
d_{10}:	1.922 µm	Kurtosis:	6.168 Leptokurtic
d_{50}:	8.190 µm		
d_{90}:	79.52 µm		
Specific Surf. Area	11864 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.922	3.766	8.190	28.79	79.52

65.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.8	500.0	100
5.000	33.6	1000	100
10.00	55.4	2000	100
15.00	62.6		
20.00	67.8		
25.00	72.3		
50.00	82.9		
60.00	85.4		
63.00	86.2		
70.00	88.0		
75.00	89.1		
90.00	91.7		
125.0	95.2		
200.0	99.4		
250.0	99.9		
400.0	100		

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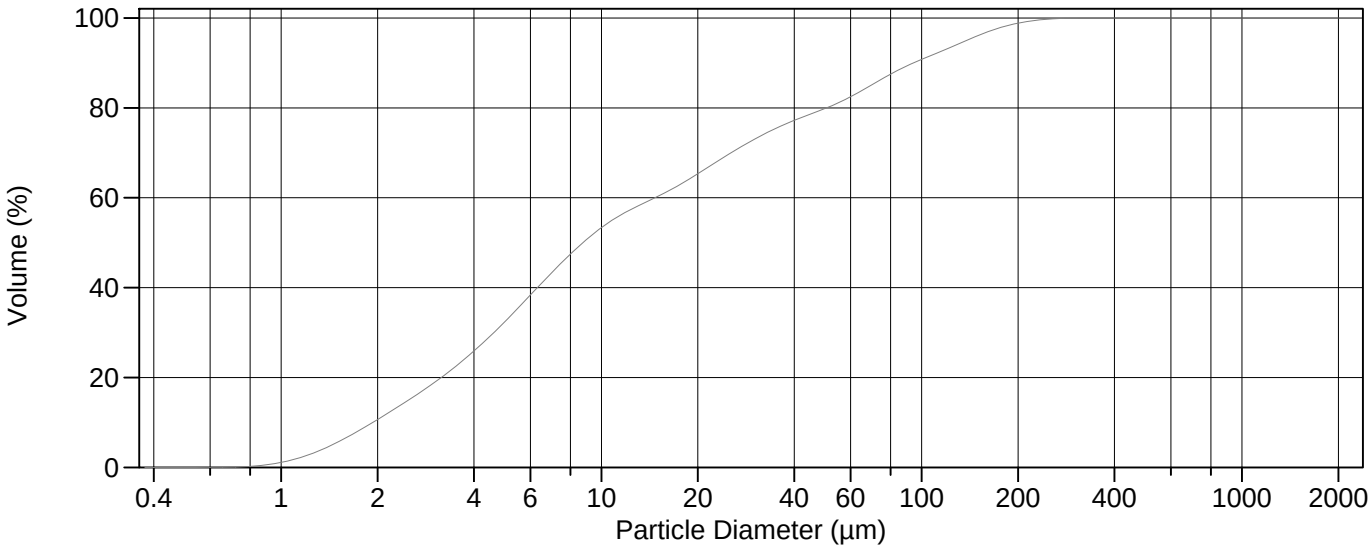

Volume Statistics (Arithmetic) 66.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	30.38 µm	95% Conf. Limits:	0-120.2 µm
Median:	8.758 µm	S.D.:	45.82 µm
D(3,2):	5.188 µm	Variance:	2100 μm^2
Mean/Median Ratio:	3.469	C.V.:	151%
Mode:	5.878 µm	Skewness:	2.308 Right skewed
d_{10}:	1.933 µm	Kurtosis:	5.467 Leptokurtic
d_{50}:	8.758 µm		
d_{90}:	94.23 µm		
Specific Surf. Area	11566 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.933	3.868	8.758	34.03	94.23

66.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.6	500.0	100
5.000	32.4	1000	100
10.00	53.3	2000	100
15.00	60.3		
20.00	65.3		
25.00	69.7		
50.00	79.9		
60.00	82.5		
63.00	83.3		
70.00	85.2		
75.00	86.4		
90.00	89.4		
125.0	93.7		
200.0	98.8		
250.0	99.7		
400.0	100		

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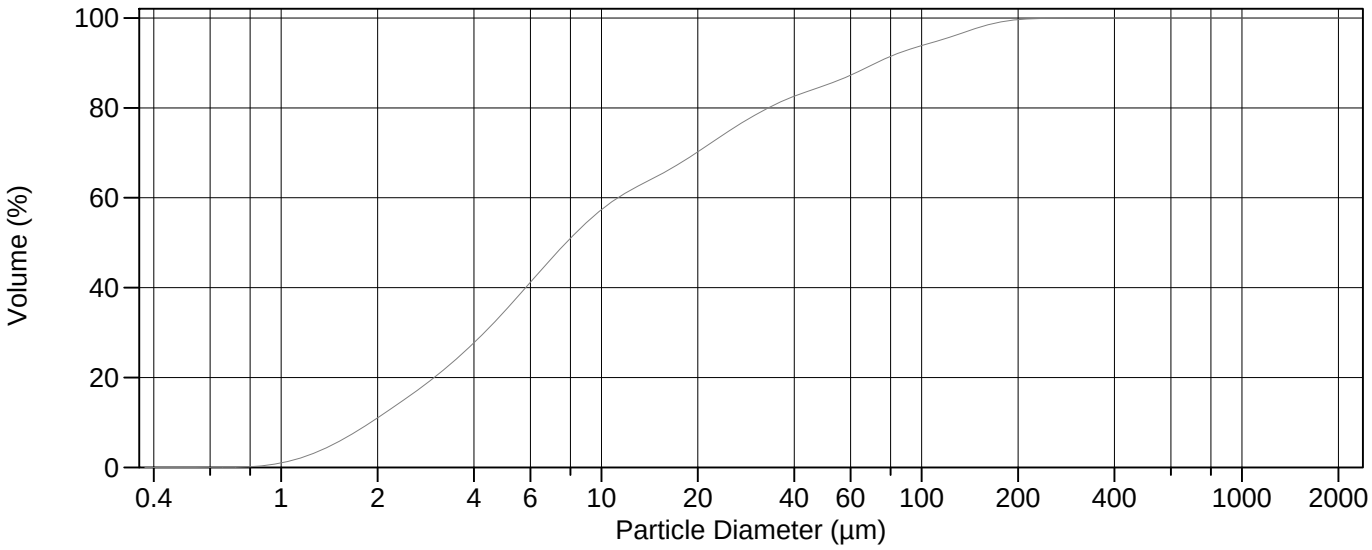

Volume Statistics (Arithmetic) 67.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	24.02 µm	95% Conf. Limits:	0-97.31 µm
Median:	7.766 µm	S.D.:	37.39 µm
D(3,2):	4.918 µm	Variance:	1398 μm^2
Mean/Median Ratio:	3.093	C.V.:	156%
Mode:	5.878 µm	Skewness:	2.609 Right skewed
d_{10}:	1.903 µm	Kurtosis:	7.297 Leptokurtic
d_{50}:	7.766 µm		
d_{90}:	72.11 µm		
Specific Surf. Area	12201 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.903	3.639	7.766	25.19	72.11

67.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	11.0	500.0	100
5.000	34.8	1000	100
10.00	57.3	2000	100
15.00	64.9		
20.00	70.2		
25.00	74.9		
50.00	85.0		
60.00	87.3		
63.00	88.0		
70.00	89.6		
75.00	90.6		
90.00	92.8		
125.0	95.9		
200.0	99.6		
250.0	99.9		
400.0	100		

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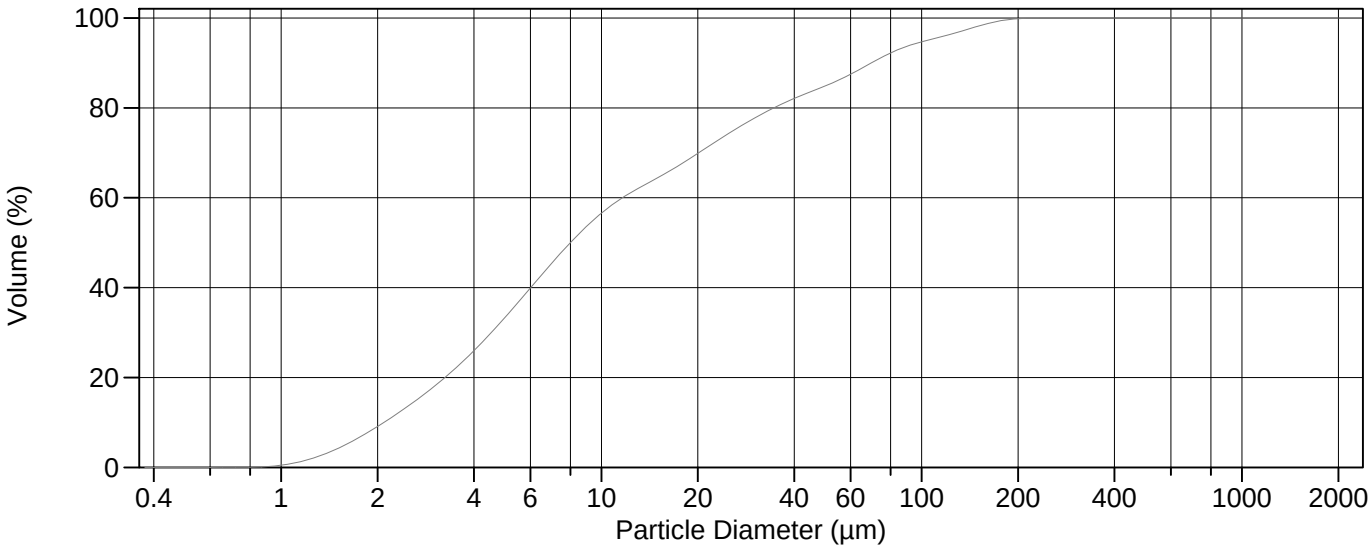

Volume Statistics (Arithmetic) 68.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	23.57 µm	95% Conf. Limits:	0-92.53 µm
Median:	8.003 µm	S.D.:	35.18 µm
D(3,2):	5.282 µm	Variance:	1238 μm^2
Mean/Median Ratio:	2.945	C.V.:	149%
Mode:	5.878 µm	Skewness:	2.501 Right skewed
d_{10}:	2.094 µm	Kurtosis:	6.506 Leptokurtic
d_{50}:	8.003 µm		
d_{90}:	69.58 µm		
Specific Surf. Area	11360 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.094	3.872	8.003	25.90	69.58

68.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.11	500.0	100
5.000	33.4	1000	100
10.00	56.6	2000	100
15.00	64.5		
20.00	69.9		
25.00	74.4		
50.00	84.9		
60.00	87.5		
63.00	88.3		
70.00	90.1		
75.00	91.2		
90.00	93.7		
125.0	96.5		
200.0	99.8		
250.0	100.0		
400.0	100		

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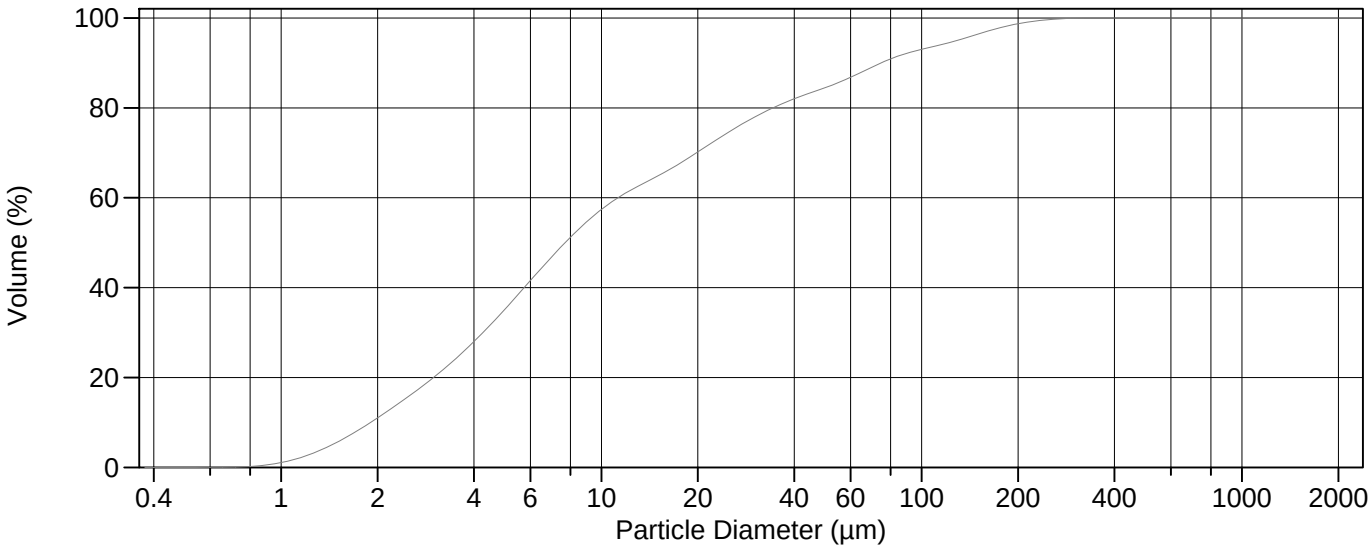

Volume Statistics (Arithmetic) 69.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	26.00 µm	95% Conf. Limits:	0-111.2 µm
Median:	7.709 µm	S.D.:	43.46 µm
D(3,2):	4.897 µm	Variance:	1888 μm^2
Mean/Median Ratio:	3.372	C.V.:	167%
Mode:	5.878 µm	Skewness:	2.889 Right skewed
d_{10}:	1.903 µm	Kurtosis:	9.169 Leptokurtic
d_{50}:	7.709 µm		
d_{90}:	74.67 µm		
Specific Surf. Area	12253 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.903	3.612	7.709	25.48	74.67

69.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	11.0	500.0	100
5.000	35.2	1000	100
10.00	57.4	2000	100
15.00	64.9		
20.00	70.2		
25.00	74.7		
50.00	84.5		
60.00	86.8		
63.00	87.5		
70.00	89.1		
75.00	90.1		
90.00	92.2		
125.0	94.7		
200.0	98.7		
250.0	99.6		
400.0	100.0		

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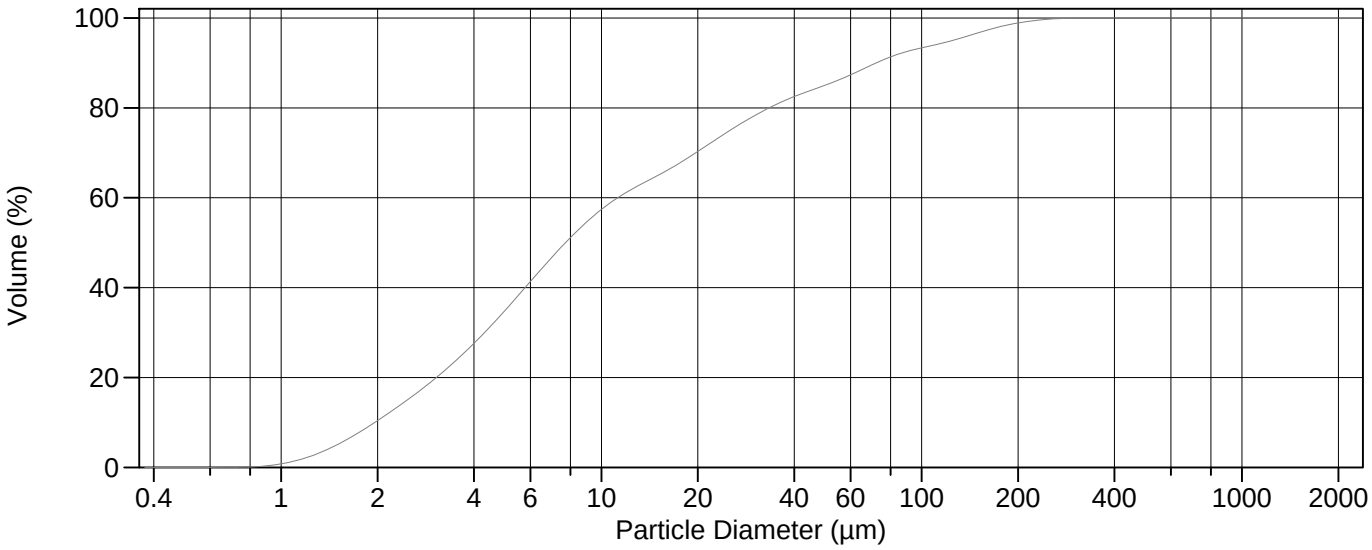

Volume Statistics (Arithmetic) 70.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	25.31 µm	95% Conf. Limits:	0-107.5 µm
Median:	7.731 µm	S.D.:	41.93 µm
D(3,2):	5.008 µm	Variance:	1758 μm^2
Mean/Median Ratio:	3.274	C.V.:	166%
Mode:	5.878 µm	Skewness:	2.893 Right skewed
d_{10}:	1.961 µm	Kurtosis:	9.171 Leptokurtic
d_{50}:	7.731 µm		
d_{90}:	72.15 µm		
Specific Surf. Area	11981 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.961	3.667	7.731	25.19	72.15

70.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.4	500.0	100
5.000	34.9	1000	100
10.00	57.4	2000	100
15.00	64.9		
20.00	70.3		
25.00	74.9		
50.00	85.1		
60.00	87.3		
63.00	88.0		
70.00	89.6		
75.00	90.5		
90.00	92.5		
125.0	95.0		
200.0	98.9		
250.0	99.7		
400.0	100		

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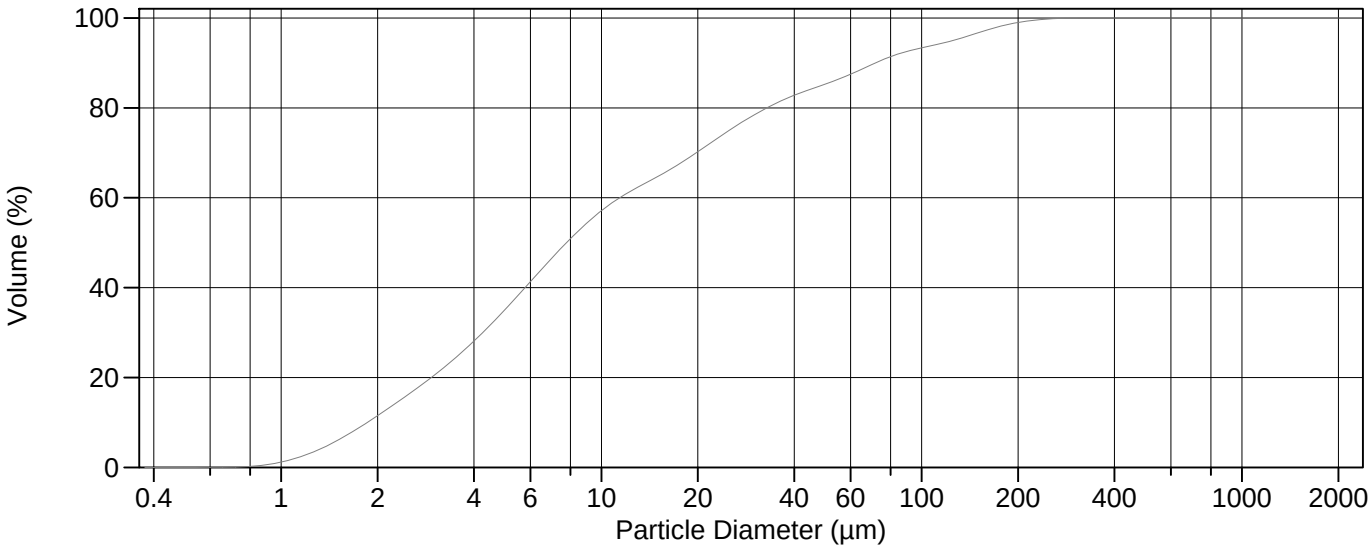

Volume Statistics (Arithmetic) 71.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	25.12 µm	95% Conf. Limits:	0-106.4 µm
Median:	7.788 µm	S.D.:	41.48 µm
D(3,2):	4.835 µm	Variance:	1720 μm^2
Mean/Median Ratio:	3.225	C.V.:	165%
Mode:	5.878 µm	Skewness:	2.860 Right skewed
d_{10}:	1.858 µm	Kurtosis:	8.854 Leptokurtic
d_{50}:	7.788 µm		
d_{90}:	71.74 µm		
Specific Surf. Area	12409 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.858	3.581	7.788	25.06	71.74

71.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	11.5	500.0	100
5.000	35.1	1000	100
10.00	57.1	2000	100
15.00	64.7		
20.00	70.2		
25.00	75.0		
50.00	85.3		
60.00	87.5		
63.00	88.2		
70.00	89.7		
75.00	90.6		
90.00	92.6		
125.0	95.0		
200.0	99.0		
250.0	99.8		
400.0	100		

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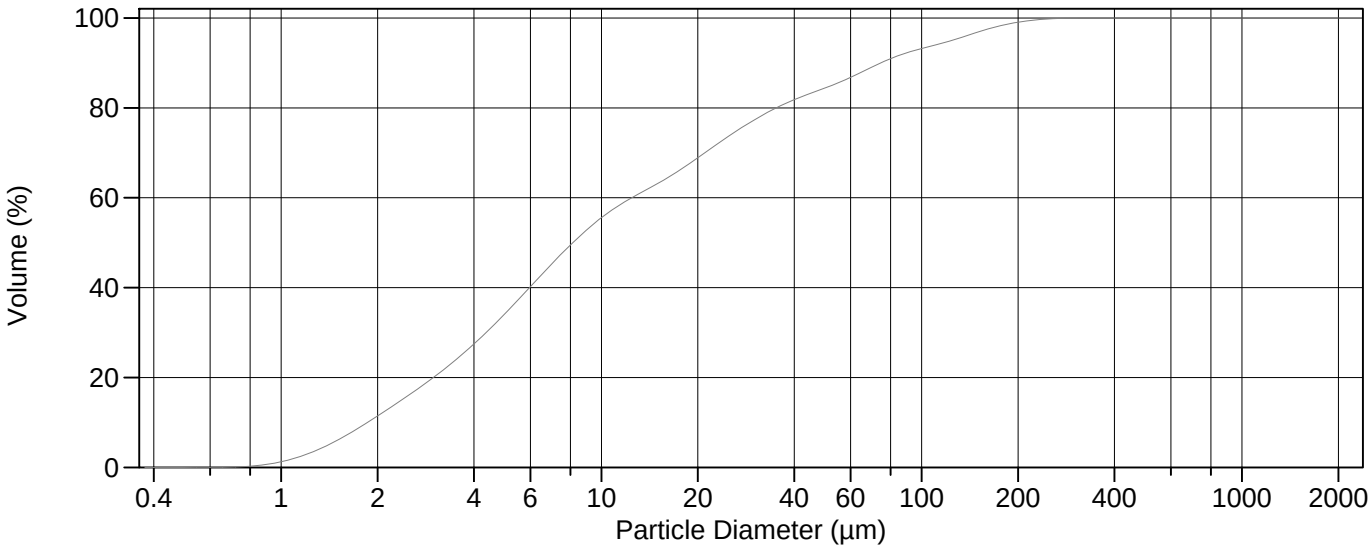

Volume Statistics (Arithmetic) 72.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	25.81 µm	95% Conf. Limits:	0-106.8 µm
Median:	8.134 µm	S.D.:	41.34 µm
D(3,2):	4.910 µm	Variance:	1709 μm^2
Mean/Median Ratio:	3.172	C.V.:	160%
Mode:	5.878 µm	Skewness:	2.763 Right skewed
d_{10}:	1.861 µm	Kurtosis:	8.358 Leptokurtic
d_{50}:	8.134 µm		
d_{90}:	74.56 µm		
Specific Surf. Area	12220 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.861	3.657	8.134	26.62	74.56

72.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	11.4	500.0	100
5.000	34.2	1000	100
10.00	55.6	2000	100
15.00	63.2		
20.00	68.9		
25.00	73.7		
50.00	84.4		
60.00	86.8		
63.00	87.5		
70.00	89.1		
75.00	90.1		
90.00	92.3		
125.0	95.1		
200.0	99.1		
250.0	99.8		
400.0	100		

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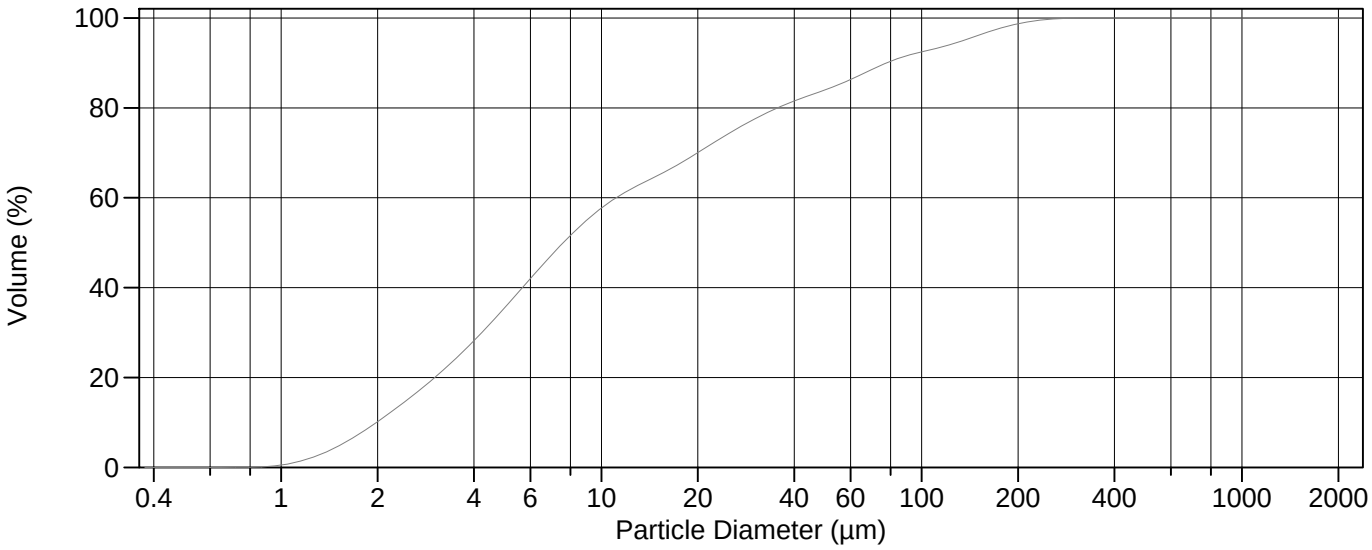

Volume Statistics (Arithmetic) 73.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	26.61 µm	95% Conf. Limits:	0-113.3 µm
Median:	7.606 µm	S.D.:	44.21 µm
D(3,2):	5.041 µm	Variance:	1954 μm^2
Mean/Median Ratio:	3.498	C.V.:	166%
Mode:	5.878 µm	Skewness:	2.743 Right skewed
d_{10}:	1.984 µm	Kurtosis:	7.917 Leptokurtic
d_{50}:	7.606 µm		
d_{90}:	77.61 µm		
Specific Surf. Area	11902 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.984	3.604	7.606	25.99	77.61

73.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.2	500.0	100
5.000	35.6	1000	100
10.00	57.7	2000	100
15.00	64.9		
20.00	70.0		
25.00	74.3		
50.00	84.0		
60.00	86.3		
63.00	87.0		
70.00	88.6		
75.00	89.5		
90.00	91.6		
125.0	94.2		
200.0	98.7		
250.0	99.7		
400.0	100		

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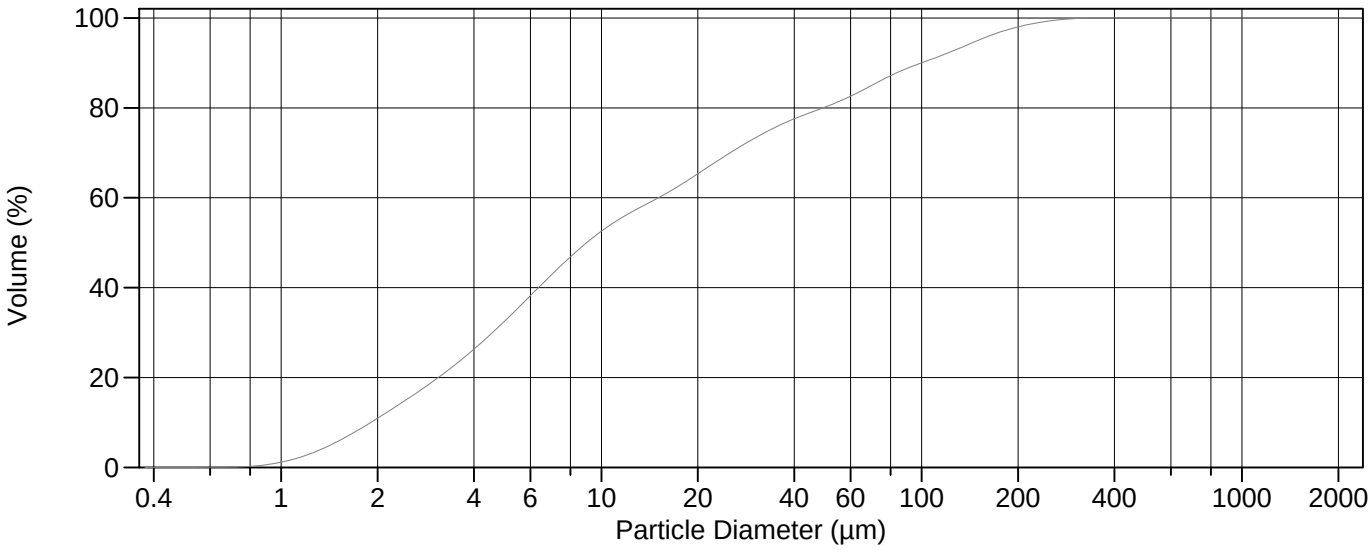

Volume Statistics (Arithmetic) 74.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	31.91 µm	95% Conf. Limits:	0-130.6 µm
Median:	8.984 µm	S.D.:	50.35 µm
D(3,2):	5.151 µm	Variance:	2535 μm^2
Mean/Median Ratio:	3.552	C.V.:	158%
Mode:	5.878 µm	Skewness:	2.485 Right skewed
d_{10}:	1.906 µm	Kurtosis:	6.495 Leptokurtic
d_{50}:	8.984 µm		
d_{90}:	99.69 µm		
Specific Surf. Area	11648 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.906	3.806	8.984	33.38	99.69

74.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.9	500.0	100
5.000	32.6	1000	100
10.00	52.6	2000	100
15.00	59.9		
20.00	65.3		
25.00	69.8		
50.00	80.2		
60.00	82.6		
63.00	83.3		
70.00	85.1		
75.00	86.2		
90.00	88.8		
125.0	92.6		
200.0	98.0		
250.0	99.3		
400.0	100.0		

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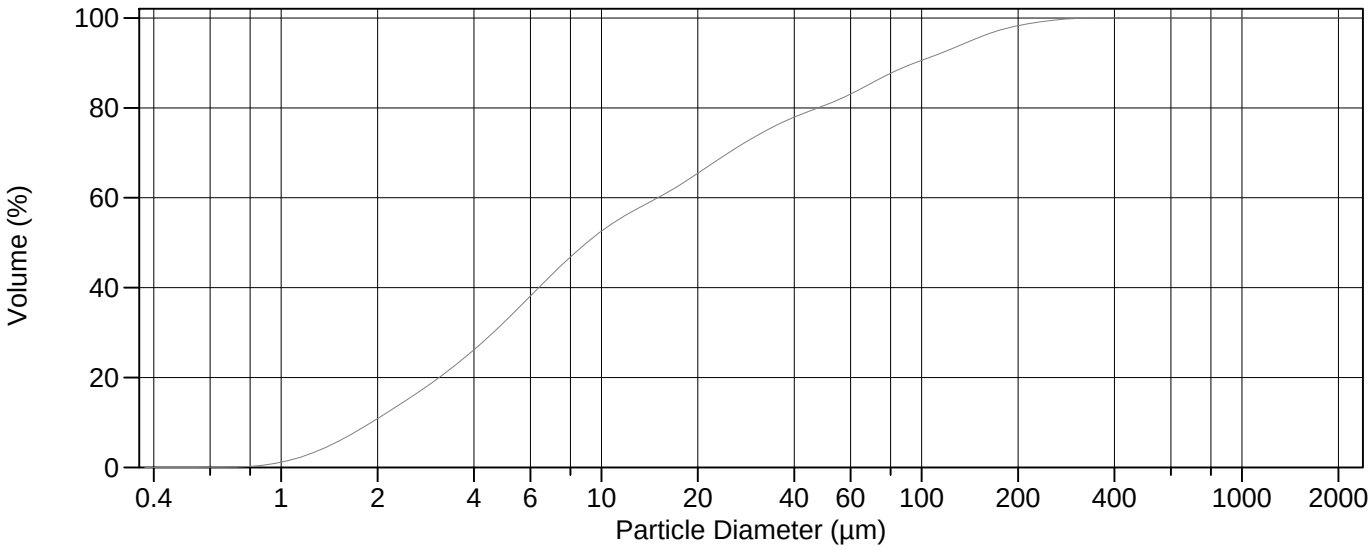

Volume Statistics (Arithmetic) 75#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	30.96 µm	95% Conf. Limits:	0-126.1 µm
Median:	8.992 µm	S.D.:	48.55 µm
D(3,2):	5.162 µm	Variance:	2357 μm^2
Mean/Median Ratio:	3.443	C.V.:	157%
Mode:	5.878 µm	Skewness:	2.534 Right skewed
d_{10}:	1.914 µm	Kurtosis:	6.962 Leptokurtic
d_{50}:	8.992 µm		
d_{90}:	95.25 µm		
Specific Surf. Area	11623 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.914	3.825	8.992	32.72	95.25

75#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.9	500.0	100
5.000	32.5	1000	100
10.00	52.6	2000	100
15.00	60.0		
20.00	65.4		
25.00	70.1		
50.00	80.6		
60.00	83.1		
63.00	83.8		
70.00	85.6		
75.00	86.7		
90.00	89.3		
125.0	93.2		
200.0	98.3		
250.0	99.4		
400.0	100.0		

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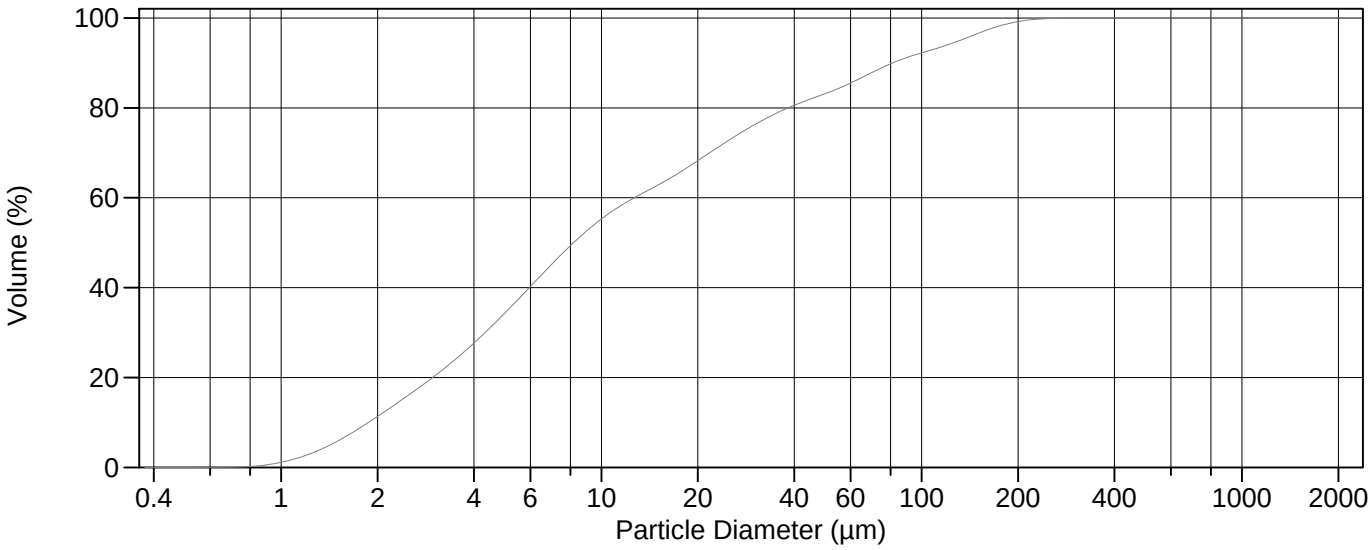

Volume Statistics (Arithmetic) 76.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	27.01 µm	95% Conf. Limits:	0-110.0 µm
Median:	8.181 µm	S.D.:	42.35 µm
D(3,2):	4.948 µm	Variance:	1793 μm^2
Mean/Median Ratio:	3.301	C.V.:	157%
Mode:	5.878 µm	Skewness:	2.494 Right skewed
d_{10}:	1.873 µm	Kurtosis:	6.309 Leptokurtic
d_{50}:	8.181 µm		
d_{90}:	81.20 µm		
Specific Surf. Area	12126 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.873	3.629	8.181	28.05	81.20

76.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	11.4	500.0	100
5.000	34.3	1000	100
10.00	55.3	2000	100
15.00	62.8		
20.00	68.2		
25.00	72.8		
50.00	83.2		
60.00	85.5		
63.00	86.3		
70.00	87.9		
75.00	88.9		
90.00	91.2		
125.0	94.4		
200.0	99.2		
250.0	99.9		
400.0	100		

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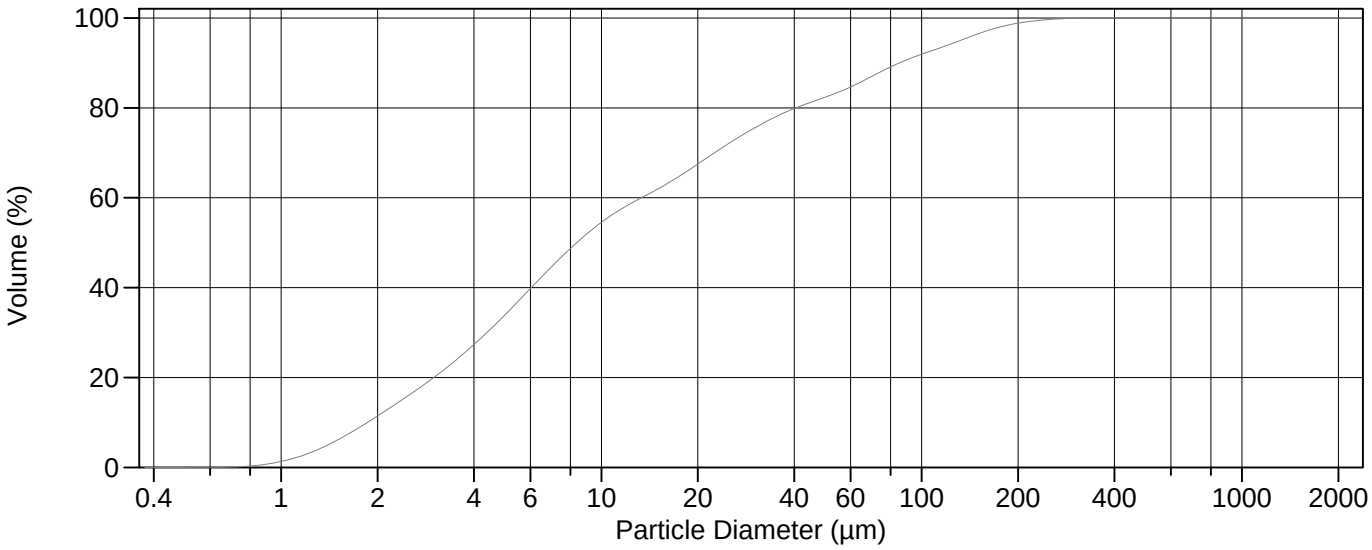

Volume Statistics (Arithmetic) 77.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	28.08 µm	95% Conf. Limits:	0-114.9 µm
Median:	8.377 µm	S.D.:	44.31 µm
D(3,2):	4.951 µm	Variance:	1964 μm^2
Mean/Median Ratio:	3.353	C.V.:	158%
Mode:	5.878 µm	Skewness:	2.597 Right skewed
d_{10}:	1.861 µm	Kurtosis:	7.397 Leptokurtic
d_{50}:	8.377 µm		
d_{90}:	85.11 µm		
Specific Surf. Area	12118 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.861	3.669	8.377	29.20	85.11

77.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	11.4	500.0	100
5.000	33.9	1000	100
10.00	54.5	2000	100
15.00	61.9		
20.00	67.5		
25.00	72.1		
50.00	82.4		
60.00	84.7		
63.00	85.4		
70.00	87.0		
75.00	88.1		
90.00	90.7		
125.0	94.4		
200.0	98.9		
250.0	99.7		
400.0	100.0		

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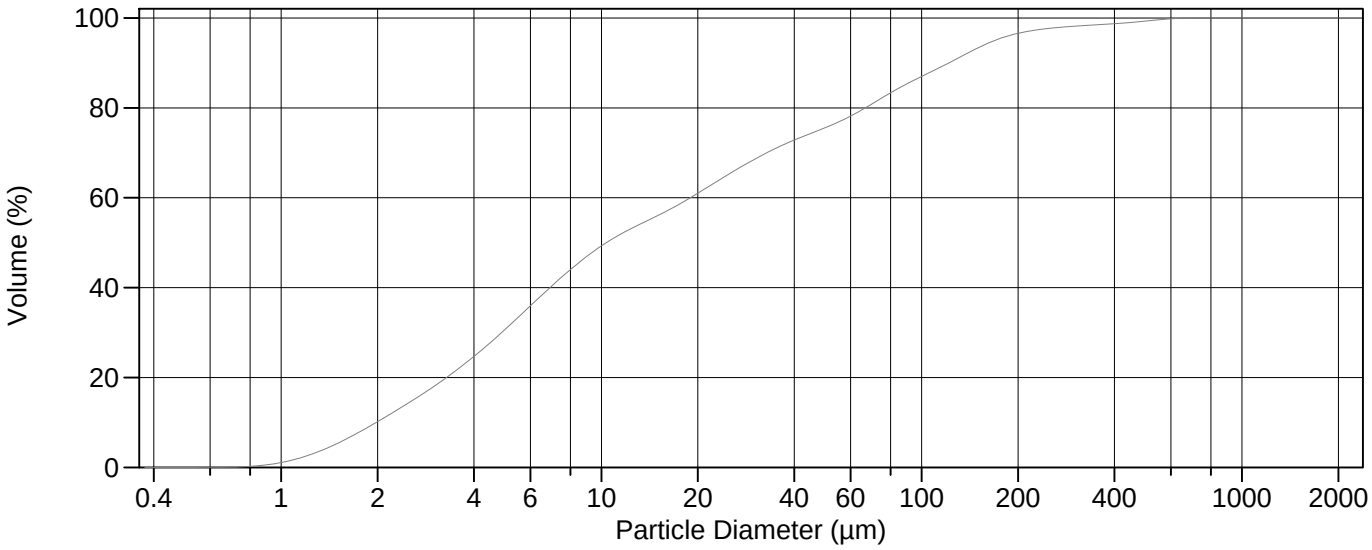

Volume Statistics (Arithmetic) 78.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	42.26 µm	95% Conf. Limits:	0-193.3 µm
Median:	10.37 µm	S.D.:	77.08 µm
D(3,2):	5.486 µm	Variance:	5941 μm^2
Mean/Median Ratio:	4.076	C.V.:	182%
Mode:	5.878 µm	Skewness:	3.905 Right skewed
d_{10}:	1.981 µm	Kurtosis:	19.81 Leptokurtic
d_{50}:	10.37 µm		
d_{90}:	121.5 µm		
Specific Surf. Area	10937 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.981	4.050	10.37	47.71	121.5

78.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.2	500.0	99.3
5.000	30.7	1000	100
10.00	49.3	2000	100
15.00	56.0		
20.00	61.0		
25.00	65.3		
50.00	75.6		
60.00	78.2		
63.00	79.0		
70.00	80.9		
75.00	82.2		
90.00	85.4		
125.0	90.4		
200.0	96.6		
250.0	97.7		
400.0	98.7		

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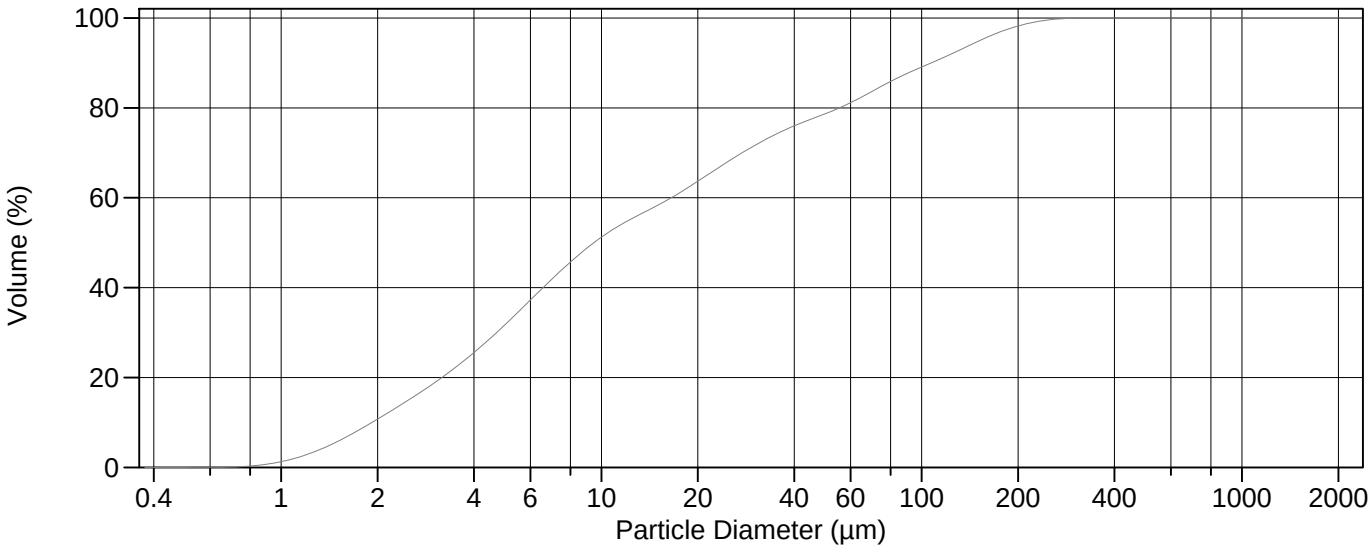

Volume Statistics (Arithmetic) 79.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	33.28 µm	95% Conf. Limits:	0-131.7 µm
Median:	9.483 µm	S.D.:	50.20 µm
D(3,2):	5.246 µm	Variance:	2520 μm^2
Mean/Median Ratio:	3.510	C.V.:	151%
Mode:	5.878 µm	Skewness:	2.225 Right skewed
d_{10}:	1.924 µm	Kurtosis:	4.820 Leptokurtic
d_{50}:	9.483 µm		
d_{90}:	107.1 µm		
Specific Surf. Area	11438 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.924	3.914	9.483	37.18	107.1

79.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.7	500.0	100
5.000	31.7	1000	100
10.00	51.2	2000	100
15.00	58.3		
20.00	63.7		
25.00	68.2		
50.00	78.7		
60.00	81.2		
63.00	81.9		
70.00	83.7		
75.00	84.8		
90.00	87.7		
125.0	92.1		
200.0	98.2		
250.0	99.6		
400.0	100		

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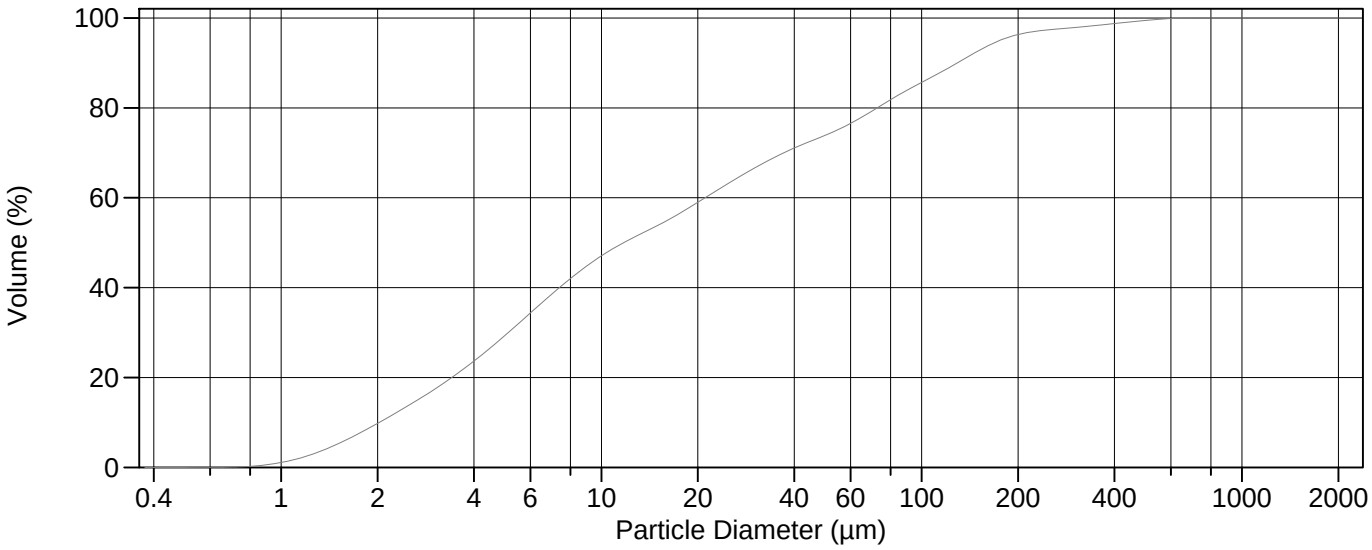

Volume Statistics (Arithmetic) 80.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	44.84 µm	95% Conf. Limits:	0-197.6 µm
Median:	11.72 µm	S.D.:	77.96 µm
D(3,2):	5.682 µm	Variance:	6078 μm^2
Mean/Median Ratio:	3.825	C.V.:	174%
Mode:	5.878 µm	Skewness:	3.568 Right skewed
d_{10}:	2.023 µm	Kurtosis:	16.53 Leptokurtic
d_{50}:	11.72 µm		
d_{90}:	129.2 µm		
Specific Surf. Area	10559 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.023	4.226	11.72	54.22	129.2

80.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.80	500.0	99.5
5.000	29.3	1000	100
10.00	47.1	2000	100
15.00	53.8		
20.00	59.0		
25.00	63.3		
50.00	73.9		
60.00	76.6		
63.00	77.4		
70.00	79.3		
75.00	80.6		
90.00	83.9		
125.0	89.4		
200.0	96.3		
250.0	97.4		
400.0	98.8		

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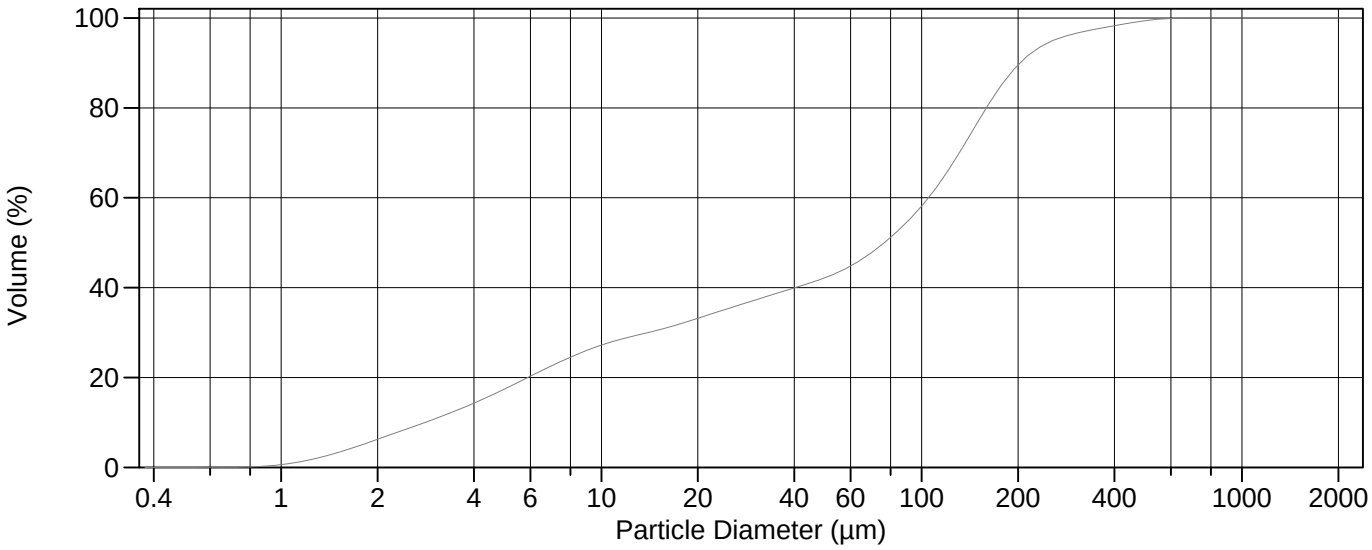

Volume Statistics (Arithmetic) 81.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	93.01 µm	95% Conf. Limits:	0-281.3 µm
Median:	76.43 µm	S.D.:	96.07 µm
D(3,2):	9.288 µm	Variance:	9229 μm^2
Mean/Median Ratio:	1.217	C.V.:	103%
Mode:	140.1 µm	Skewness:	1.640 Right skewed
d_{10}:	2.814 µm	Kurtosis:	4.120 Leptokurtic
d_{50}:	76.43 µm		
d_{90}:	203.4 µm		
Specific Surf. Area	6460 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.814	8.294	76.43	144.5	203.4

81.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.26	500.0	99.4
5.000	17.5	1000	100
10.00	27.2	2000	100
15.00	30.5		
20.00	33.2		
25.00	35.4		
50.00	42.2		
60.00	44.8		
63.00	45.7		
70.00	47.9		
75.00	49.5		
90.00	54.6		
125.0	67.6		
200.0	89.5		
250.0	94.6		
400.0	98.3		

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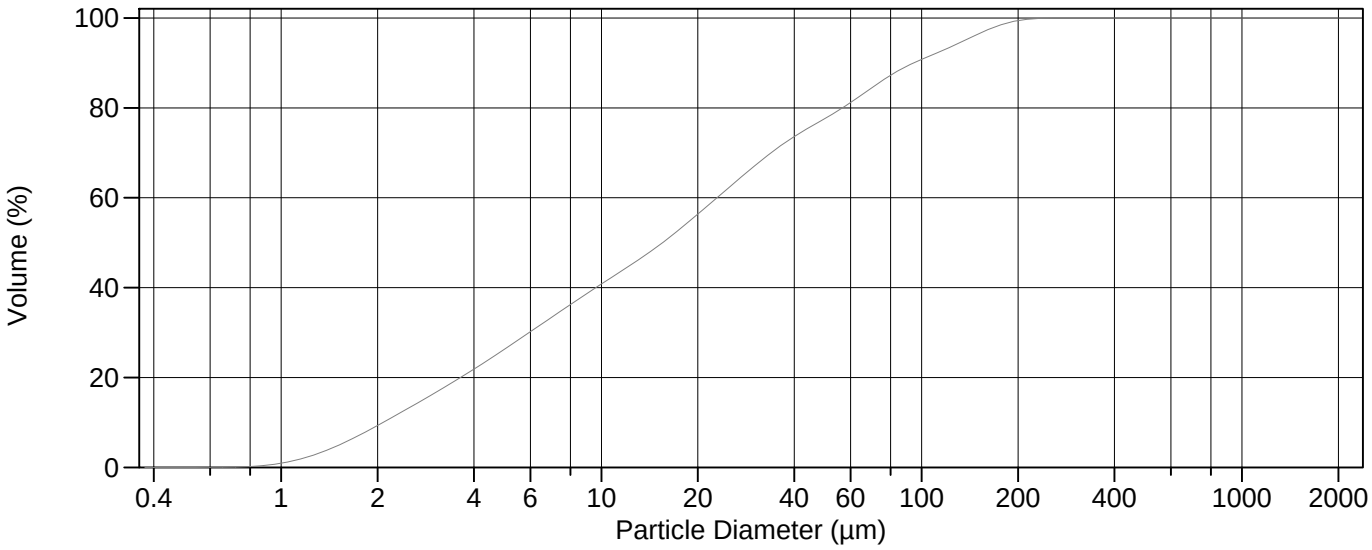


Volume Statistics (Arithmetic) 82.$02

Calculations from 0.375 µm to 2000 µm

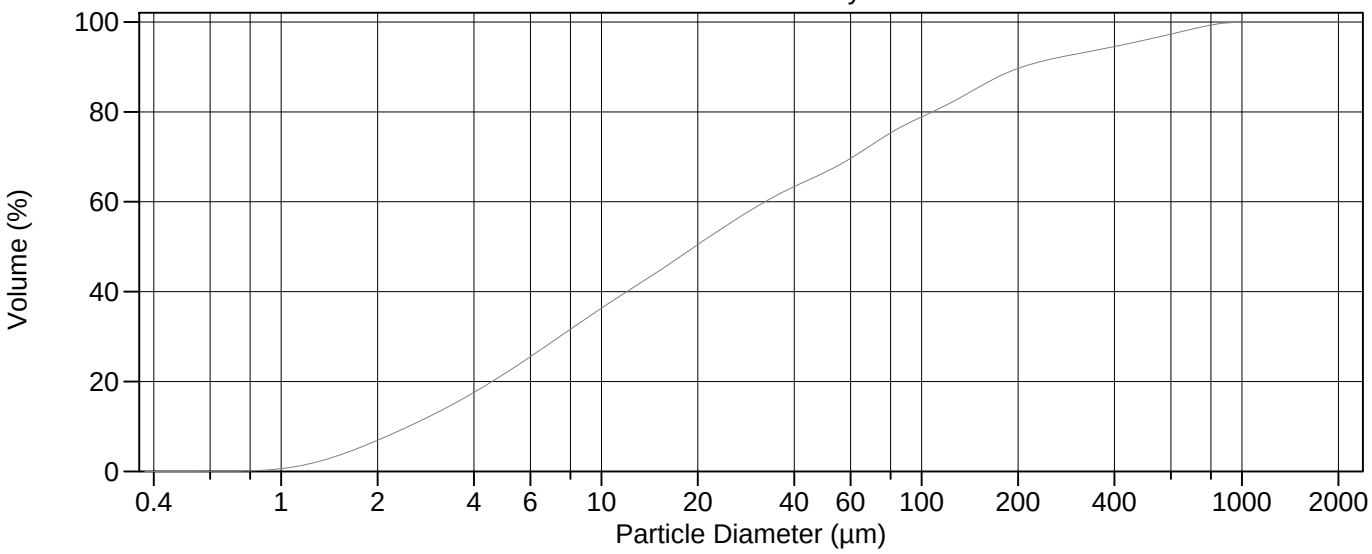
Volume	100.0%		
Mean:	33.36 µm	95% Conf. Limits:	0-117.9 µm
Median:	15.52 µm	S.D.:	43.14 µm
D(3,2):	6.084 µm	Variance:	1861 μm^2
Mean/Median Ratio:	2.149	C.V.:	129%
Mode:	23.81 µm	Skewness:	1.977 Right skewed
d_{10}:	2.081 µm	Kurtosis:	3.687 Leptokurtic
d_{50}:	15.52 µm		
d_{90}:	94.39 µm		
Specific Surf. Area	9863 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.081	4.679	15.52	43.06	94.39

82.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.33	500.0	100
5.000	26.4	1000	100
10.00	40.8	2000	100
15.00	49.2		
20.00	56.4		
25.00	62.3		
50.00	77.7		
60.00	81.2		
63.00	82.2		
70.00	84.5		
75.00	86.0		
90.00	89.3		
125.0	93.8		
200.0	99.4		
250.0	100.0		
400.0	100		

2014.0017 - stand. Hynne



Volume Statistics (Arithmetic) 83.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	80.14 µm	95% Conf. Limits:	0-373.6 µm
Median:	19.57 µm	S.D.:	149.7 µm
D(3,2):	7.343 µm	Variance:	22418 μm^2
Mean/Median Ratio:	4.095	C.V.:	187%
Mode:	7.083 µm	Skewness:	3.131 Right skewed
d_{10}:	2.498 µm	Kurtosis:	10.38 Leptokurtic
d_{50}:	19.57 µm		
d_{90}:	206.4 µm		
Specific Surf. Area	8171 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.498	5.854	19.57	78.69	206.4

83.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.92	500.0	96.0
5.000	21.8	1000	100.0
10.00	36.3	2000	100
15.00	44.4		
20.00	50.5		
25.00	55.1		
50.00	66.6		
60.00	69.7		
63.00	70.6		
70.00	72.7		
75.00	74.1		
90.00	77.3		
125.0	82.3		
200.0	89.7		
250.0	91.6		
400.0	94.5		

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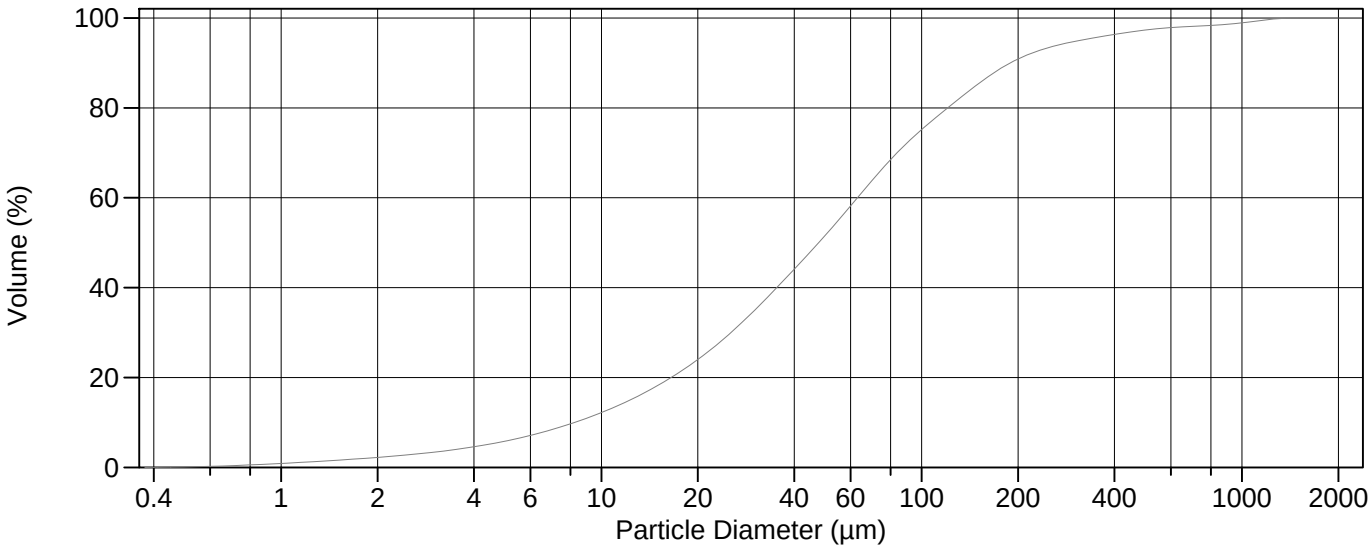

Volume Statistics (Arithmetic) 84.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	93.54 µm	95% Conf. Limits:	0-407.4 µm
Median:	47.70 µm	S.D.:	160.1 µm
D(3,2):	15.61 µm	Variance:	25645 μm^2
Mean/Median Ratio:	1.961	C.V.:	171%
Mode:	60.52 µm	Skewness:	4.676 Right skewed
d_{10}:	8.243 µm	Kurtosis:	26.17 Leptokurtic
d_{50}:	47.70 µm		
d_{90}:	189.3 µm		
Specific Surf. Area	3843 cm^2/ml		

% <	10	25	50	75	90
Size µm	8.243	20.88	47.70	99.38	189.3

84.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	2.22	500.0	97.3
5.000	5.84	1000	98.9
10.00	12.2	2000	100
15.00	18.2		
20.00	24.0		
25.00	29.6		
50.00	51.6		
60.00	58.2		
63.00	60.0		
70.00	63.9		
75.00	66.3		
90.00	72.2		
125.0	80.9		
200.0	90.9		
250.0	93.4		
400.0	96.3		

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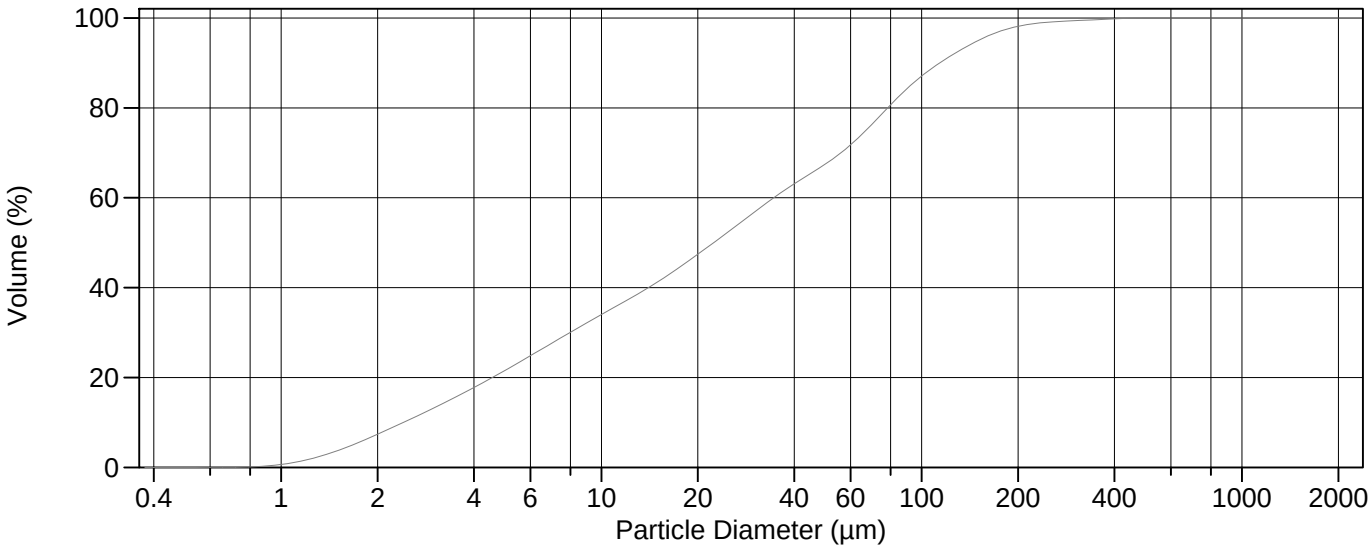

Volume Statistics (Arithmetic) 85#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	44.33 µm	95% Conf. Limits:	0-152.2 µm
Median:	22.40 µm	S.D.:	55.01 µm
D(3,2):	7.328 µm	Variance:	3026 μm^2
Mean/Median Ratio:	1.979	C.V.:	124%
Mode:	72.95 µm	Skewness:	2.468 Right skewed
d_{10}:	2.405 µm	Kurtosis:	9.577 Leptokurtic
d_{50}:	22.40 µm		
d_{90}:	113.9 µm		
Specific Surf. Area	8188 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.405	6.054	22.40	67.04	113.9

85#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.39	500.0	100.0
5.000	21.6	1000	100
10.00	34.0	2000	100
15.00	41.3		
20.00	47.4		
25.00	52.5		
50.00	67.5		
60.00	71.8		
63.00	73.1		
70.00	76.4		
75.00	78.6		
90.00	84.3		
125.0	91.8		
200.0	98.2		
250.0	99.1		
400.0	99.8		

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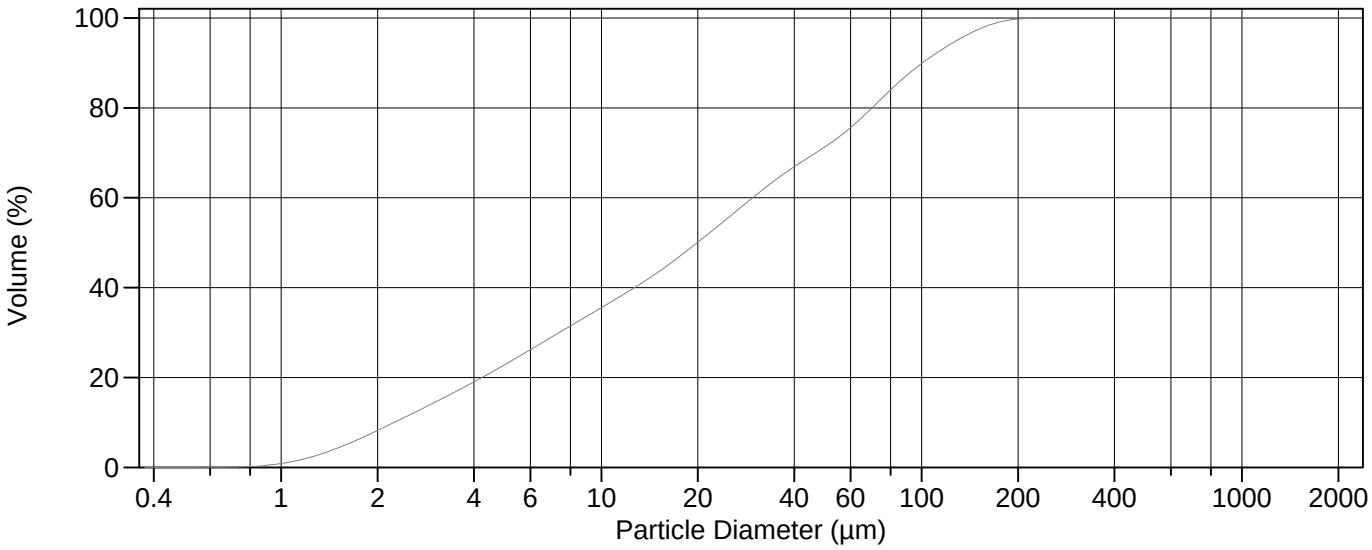

Volume Statistics (Arithmetic) 86.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	37.44 µm	95% Conf. Limits:	0-119.9 µm
Median:	19.92 µm	S.D.:	42.05 µm
D(3,2):	6.832 µm	Variance:	1768 μm^2
Mean/Median Ratio:	1.879	C.V.:	112%
Mode:	72.95 µm	Skewness:	1.481 Right skewed
d_{10}:	2.255 µm	Kurtosis:	1.708 Leptokurtic
d_{50}:	19.92 µm		
d_{90}:	100.4 µm		
Specific Surf. Area	8783 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.255	5.623	19.92	58.63	100.4

86.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.22	500.0	100
5.000	22.9	1000	100
10.00	35.6	2000	100
15.00	43.4		
20.00	50.1		
25.00	55.7		
50.00	71.4		
60.00	75.6		
63.00	76.9		
70.00	80.0		
75.00	82.1		
90.00	87.3		
125.0	94.4		
200.0	99.8		
250.0	100.0		
400.0	100		

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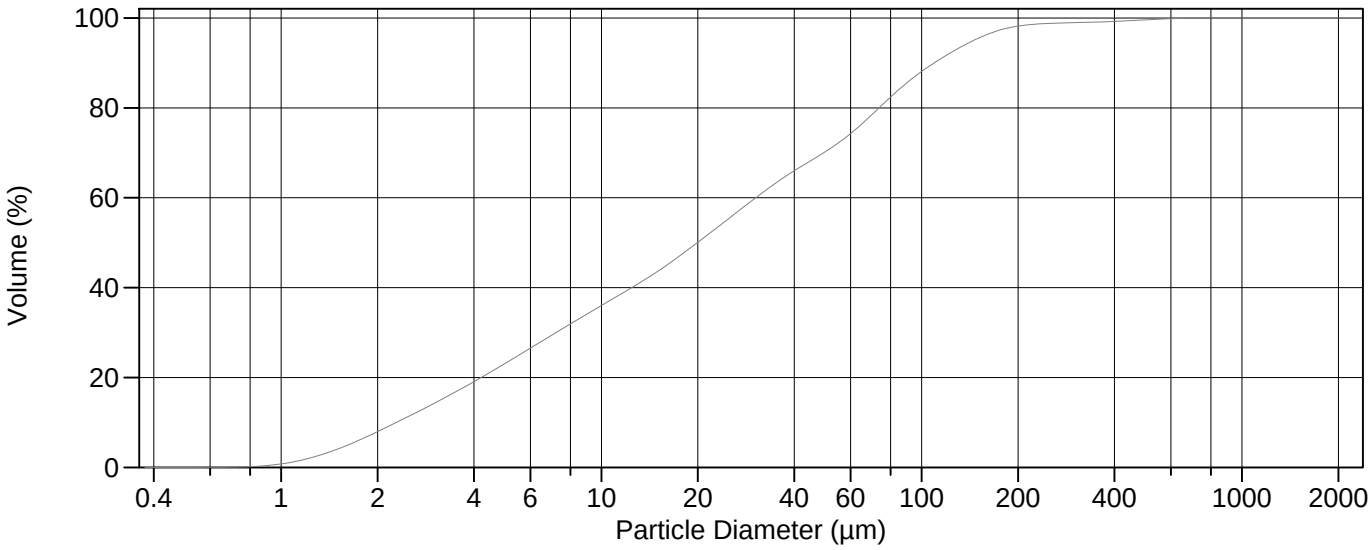

Volume Statistics (Arithmetic) 87.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	43.30 µm	95% Conf. Limits:	0-169.5 µm
Median:	19.94 µm	S.D.:	64.37 µm
D(3,2):	6.893 µm	Variance:	4144 μm^2
Mean/Median Ratio:	2.172	C.V.:	149%
Mode:	72.95 µm	Skewness:	4.277 Right skewed
d_{10}:	2.292 µm	Kurtosis:	28.42 Leptokurtic
d_{50}:	19.94 µm		
d_{90}:	109.3 µm		
Specific Surf. Area	8705 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.292	5.534	19.94	61.70	109.3

87.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.96	500.0	99.6
5.000	23.1	1000	100
10.00	36.0	2000	100
15.00	43.6		
20.00	50.1		
25.00	55.4		
50.00	70.2		
60.00	74.3		
63.00	75.6		
70.00	78.5		
75.00	80.6		
90.00	85.6		
125.0	92.5		
200.0	98.2		
250.0	98.8		
400.0	99.2		

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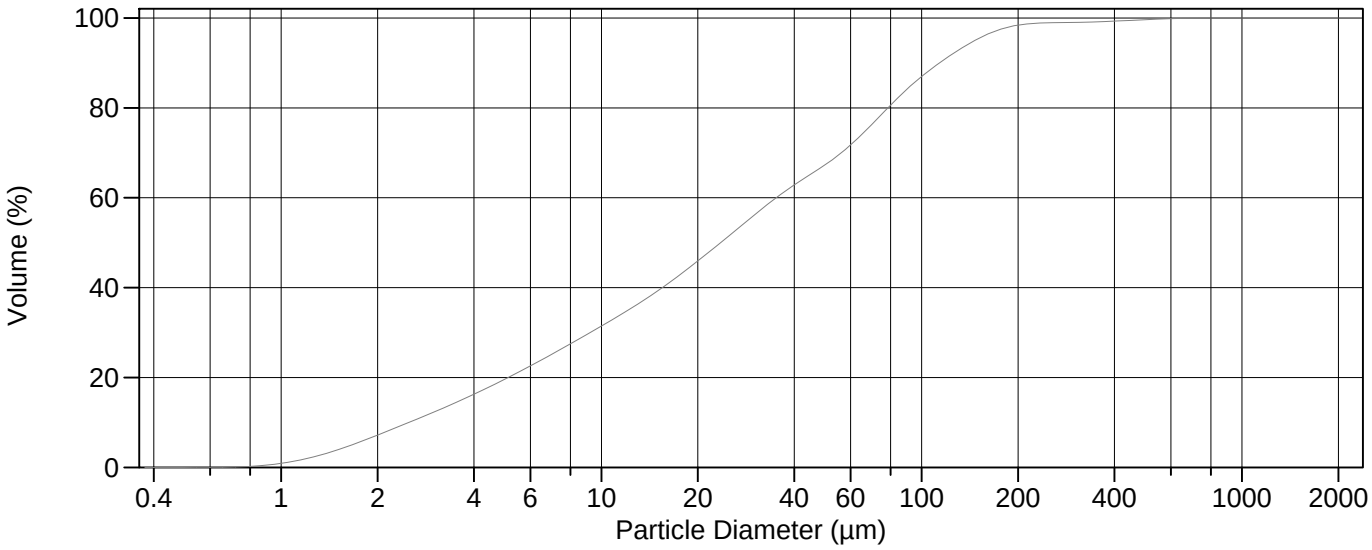

Volume Statistics (Arithmetic) 88.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	46.02 µm	95% Conf. Limits:	0-170.5 µm
Median:	23.58 µm	S.D.:	63.50 µm
D(3,2):	7.600 µm	Variance:	4033 μm^2
Mean/Median Ratio:	1.952	C.V.:	138%
Mode:	72.95 µm	Skewness:	4.180 Right skewed
d_{10}:	2.506 µm	Kurtosis:	28.73 Leptokurtic
d_{50}:	23.58 µm		
d_{90}:	113.8 µm		
Specific Surf. Area	7895 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.506	6.929	23.58	67.05	113.8

88.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.19	500.0	99.6
5.000	19.6	1000	100
10.00	31.4	2000	100
15.00	39.3		
20.00	45.9		
25.00	51.5		
50.00	67.4		
60.00	71.7		
63.00	73.1		
70.00	76.4		
75.00	78.6		
90.00	84.2		
125.0	92.0		
200.0	98.4		
250.0	98.9		
400.0	99.3		

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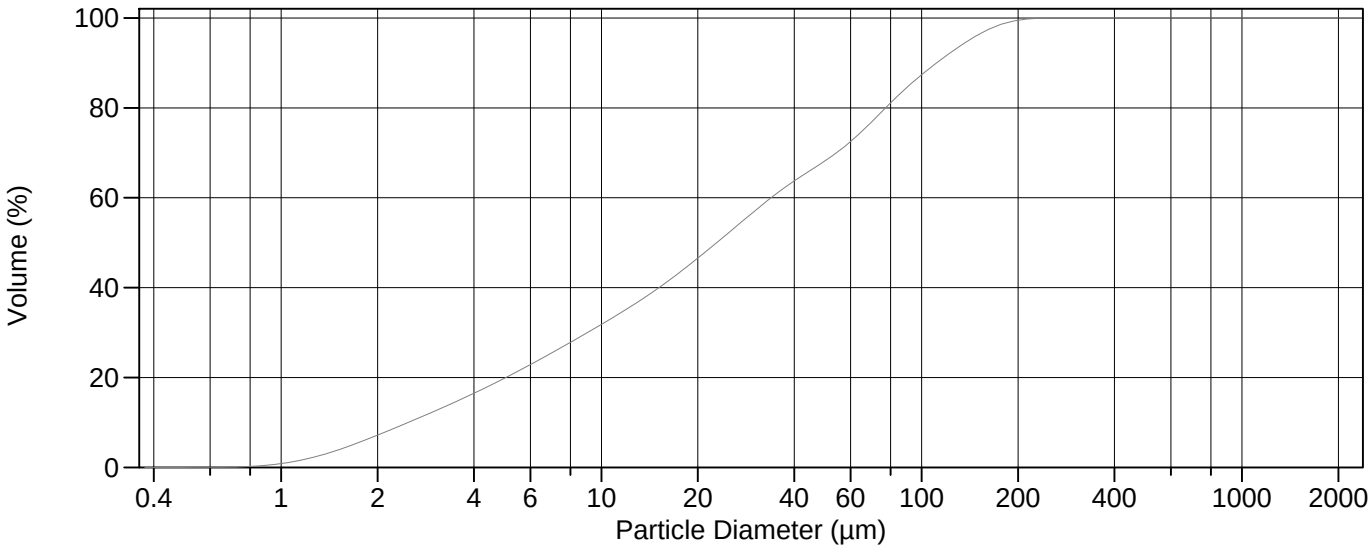

Volume Statistics (Arithmetic) 89.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	41.80 µm	95% Conf. Limits:	0-131.3 µm
Median:	22.91 µm	S.D.:	45.66 µm
D(3,2):	7.552 µm	Variance:	2085 μm^2
Mean/Median Ratio:	1.825	C.V.:	109%
Mode:	72.95 µm	Skewness:	1.415 Right skewed
d_{10}:	2.493 µm	Kurtosis:	1.471 Leptokurtic
d_{50}:	22.91 µm		
d_{90}:	111.3 µm		
Specific Surf. Area	7945 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.493	6.804	22.91	65.55	111.3

89.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.18	500.0	100
5.000	19.9	1000	100
10.00	31.8	2000	100
15.00	39.8		
20.00	46.6		
25.00	52.3		
50.00	68.2		
60.00	72.5		
63.00	73.9		
70.00	77.0		
75.00	79.1		
90.00	84.6		
125.0	92.6		
200.0	99.5		
250.0	100.0		
400.0	100		

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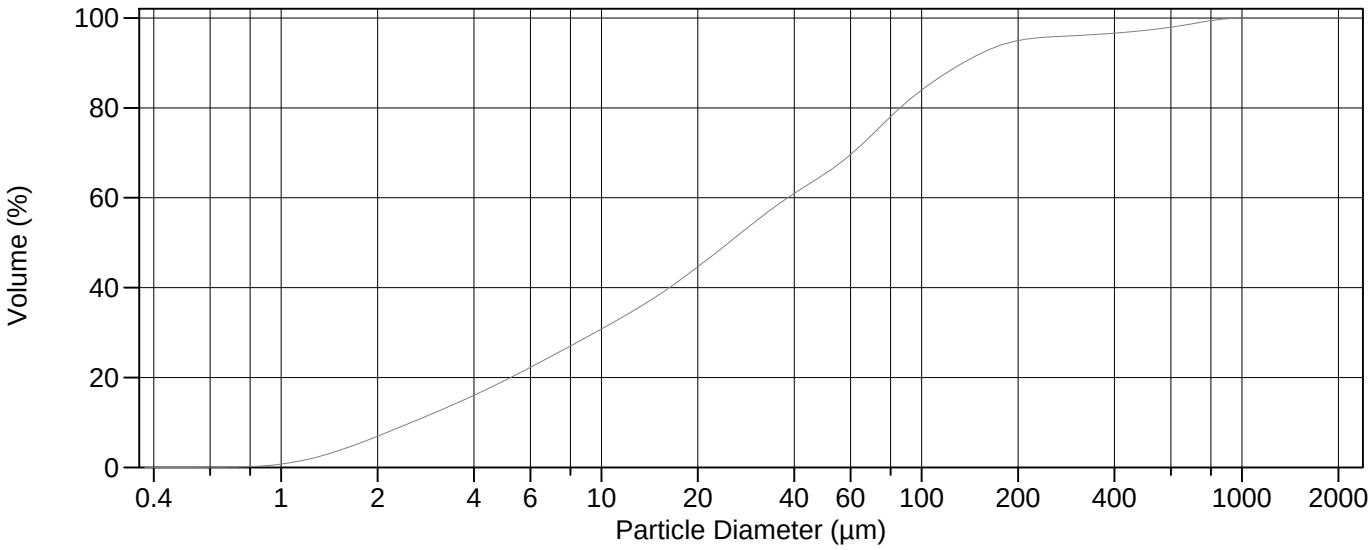

Volume Statistics (Arithmetic) 90.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	64.85 µm	95% Conf. Limits:	0-308.3 µm
Median:	24.98 µm	S.D.:	124.2 µm
D(3,2):	7.848 µm	Variance:	15425 μm^2
Mean/Median Ratio:	2.596	C.V.:	192%
Mode:	72.95 µm	Skewness:	4.274 Right skewed
d_{10}:	2.551 µm	Kurtosis:	20.42 Leptokurtic
d_{50}:	24.98 µm		
d_{90}:	134.5 µm		
Specific Surf. Area	7646 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.551	7.097	24.98	72.33	134.5

90.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.95	500.0	97.3
5.000	19.4	1000	100.0
10.00	30.8	2000	100
15.00	38.2		
20.00	44.6		
25.00	50.0		
50.00	65.4		
60.00	69.6		
63.00	70.9		
70.00	74.0		
75.00	76.1		
90.00	81.4		
125.0	88.6		
200.0	95.0		
250.0	95.8		
400.0	96.6		

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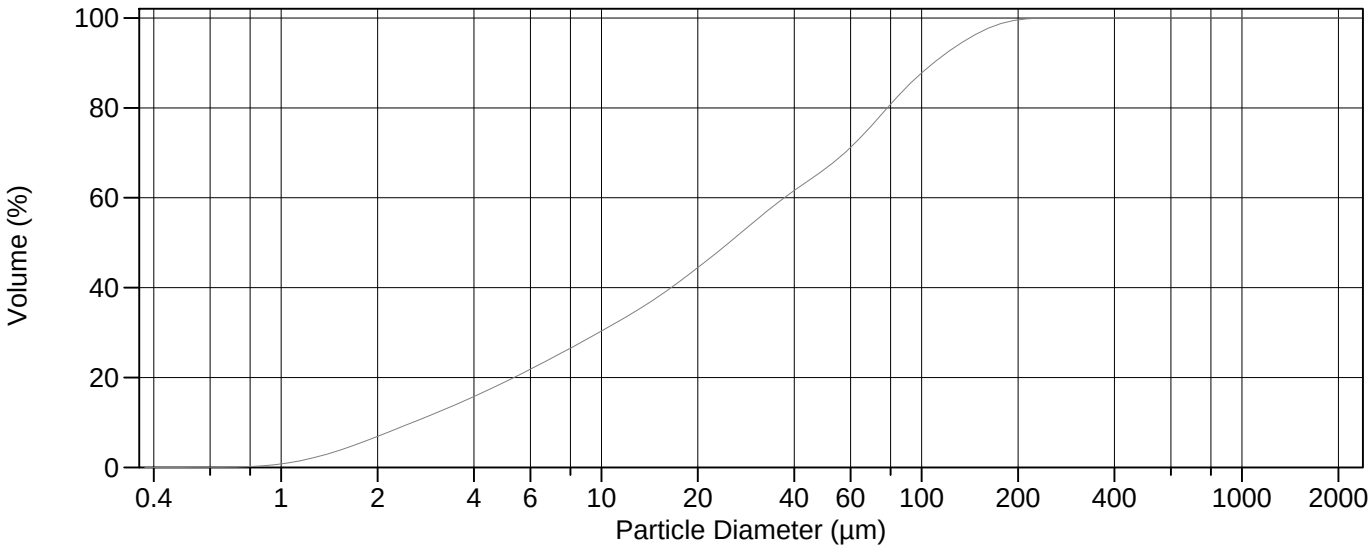

Volume Statistics (Arithmetic) 91.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	42.64 µm	95% Conf. Limits:	0-130.2 µm
Median:	25.01 µm	S.D.:	44.68 µm
D(3,2):	7.856 µm	Variance:	1996 μm^2
Mean/Median Ratio:	1.705	C.V.:	105%
Mode:	72.95 µm	Skewness:	1.335 Right skewed
d_{10}:	2.574 µm	Kurtosis:	1.303 Leptokurtic
d_{50}:	25.01 µm		
d_{90}:	108.9 µm		
Specific Surf. Area	7638 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.574	7.295	25.01	67.62	108.9

91.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.91	500.0	100
5.000	19.0	1000	100
10.00	30.3	2000	100
15.00	37.9		
20.00	44.5		
25.00	50.0		
50.00	66.4		
60.00	71.2		
63.00	72.7		
70.00	76.2		
75.00	78.6		
90.00	84.7		
125.0	93.2		
200.0	99.6		
250.0	100.0		
400.0	100		

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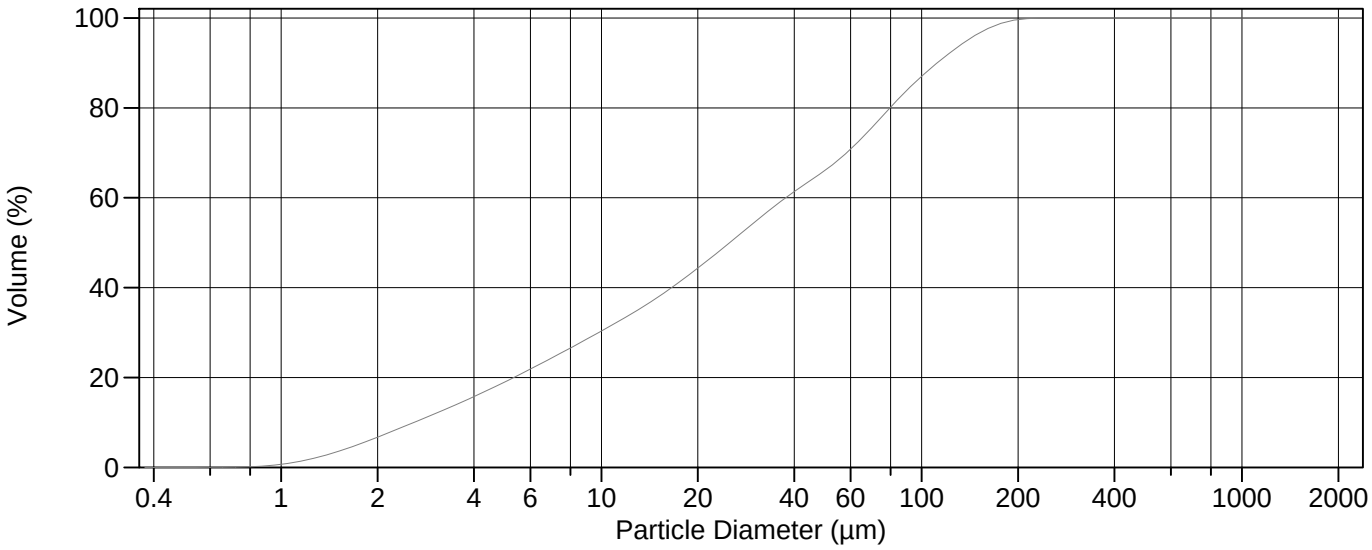

Volume Statistics (Arithmetic) 92.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	43.19 µm	95% Conf. Limits:	0-131.7 µm
Median:	25.14 µm	S.D.:	45.16 µm
D(3,2):	7.938 µm	Variance:	2040 μm^2
Mean/Median Ratio:	1.718	C.V.:	105%
Mode:	72.95 µm	Skewness:	1.286 Right skewed
d_{10}:	2.600 µm	Kurtosis:	1.042 Leptokurtic
d_{50}:	25.14 µm		
d_{90}:	111.7 µm		
Specific Surf. Area	7559 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.600	7.279	25.14	68.63	111.7

92.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.73	500.0	100
5.000	19.0	1000	100
10.00	30.4	2000	100
15.00	37.9		
20.00	44.3		
25.00	49.9		
50.00	66.1		
60.00	70.8		
63.00	72.3		
70.00	75.7		
75.00	78.0		
90.00	83.9		
125.0	92.7		
200.0	99.6		
250.0	100.0		
400.0	100		

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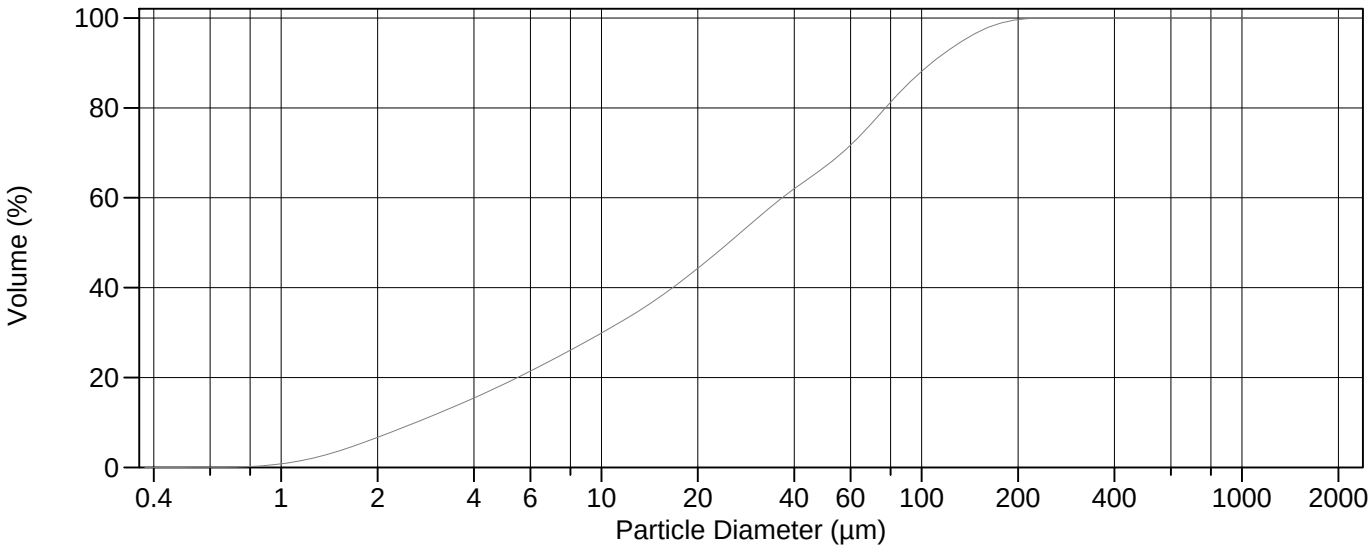

Volume Statistics (Arithmetic) 93.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	42.16 µm	95% Conf. Limits:	0-128.3 µm
Median:	24.99 µm	S.D.:	43.94 µm
D(3,2):	7.963 µm	Variance:	1930 μm^2
Mean/Median Ratio:	1.687	C.V.:	104%
Mode:	72.95 µm	Skewness:	1.338 Right skewed
d_{10}:	2.630 µm	Kurtosis:	1.320 Leptokurtic
d_{50}:	24.99 µm		
d_{90}:	107.5 µm		
Specific Surf. Area	7535 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.630	7.493	24.99	66.59	107.5

93.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.69	500.0	100
5.000	18.6	1000	100
10.00	29.9	2000	100
15.00	37.6		
20.00	44.3		
25.00	50.0		
50.00	66.9		
60.00	71.7		
63.00	73.2		
70.00	76.7		
75.00	79.1		
90.00	85.1		
125.0	93.5		
200.0	99.6		
250.0	100.0		
400.0	100		

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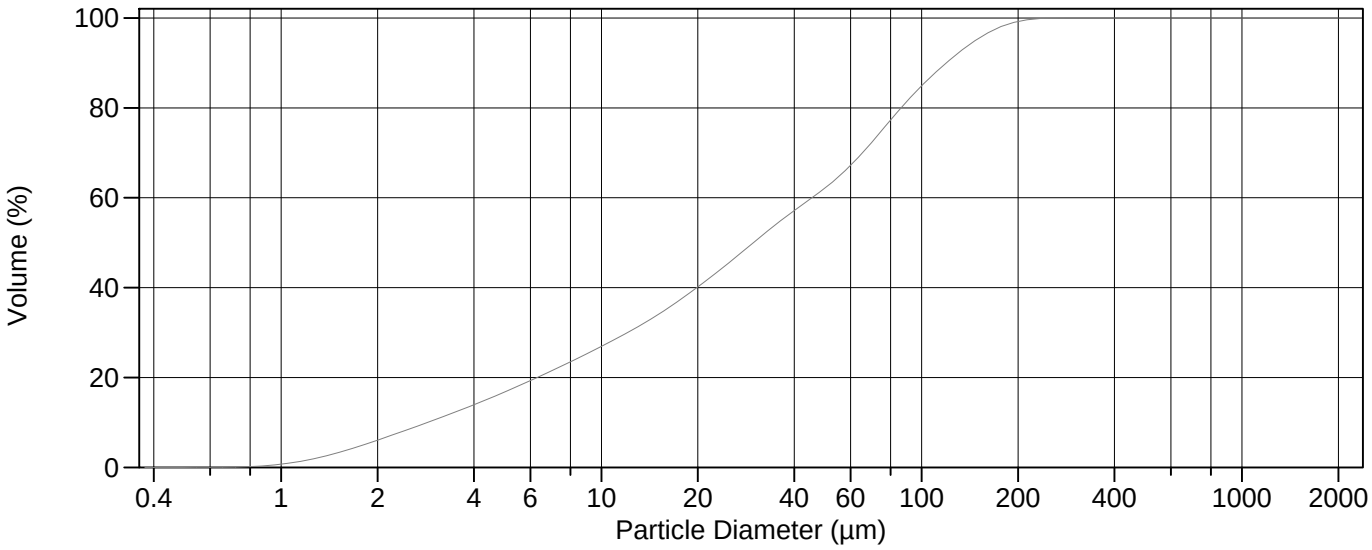

Volume Statistics (Arithmetic) 94.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	47.82 µm	95% Conf. Limits:	0-141.9 µm
Median:	29.82 µm	S.D.:	48.02 µm
D(3,2):	8.707 µm	Variance:	2306 μm^2
Mean/Median Ratio:	1.604	C.V.:	100%
Mode:	72.95 µm	Skewness:	1.238 Right skewed
d_{10}:	2.863 µm	Kurtosis:	1.035 Leptokurtic
d_{50}:	29.82 µm		
d_{90}:	119.4 µm		
Specific Surf. Area	6891 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.863	8.841	29.82	75.11	119.4

94.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.06	500.0	100
5.000	16.8	1000	100
10.00	26.9	2000	100
15.00	34.0		
20.00	40.2		
25.00	45.5		
50.00	62.2		
60.00	67.2		
63.00	68.8		
70.00	72.4		
75.00	74.9		
90.00	81.5		
125.0	91.2		
200.0	99.2		
250.0	99.9		
400.0	100		

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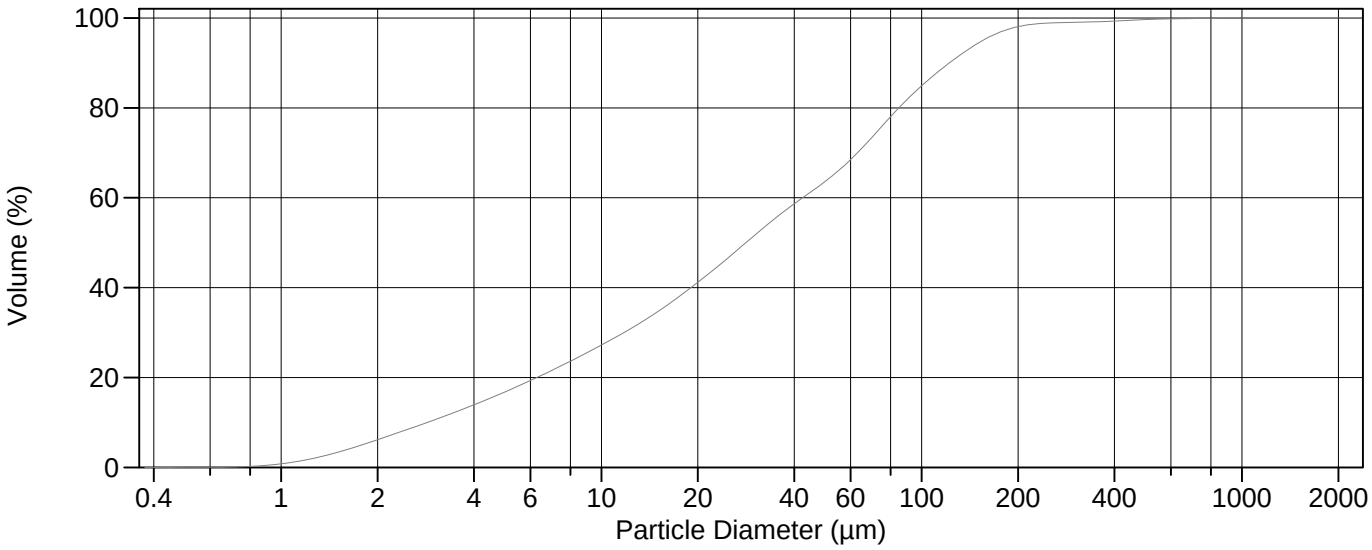

Volume Statistics (Arithmetic) 95.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	50.71 µm	95% Conf. Limits:	0-182.0 µm
Median:	28.27 µm	S.D.:	66.97 µm
D(3,2):	8.581 µm	Variance:	4486 μm^2
Mean/Median Ratio:	1.794	C.V.:	132%
Mode:	72.95 µm	Skewness:	4.492 Right skewed
d_{10}:	2.858 µm	Kurtosis:	36.68 Leptokurtic
d_{50}:	28.27 µm		
d_{90}:	121.9 µm		
Specific Surf. Area	6992 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.858	8.730	28.27	73.22	121.9

95.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.16	500.0	99.6
5.000	16.8	1000	100.0
10.00	27.2	2000	100
15.00	34.6		
20.00	41.2		
25.00	46.8		
50.00	63.6		
60.00	68.5		
63.00	70.0		
70.00	73.5		
75.00	75.8		
90.00	81.8		
125.0	90.6		
200.0	98.1		
250.0	98.9		
400.0	99.3		

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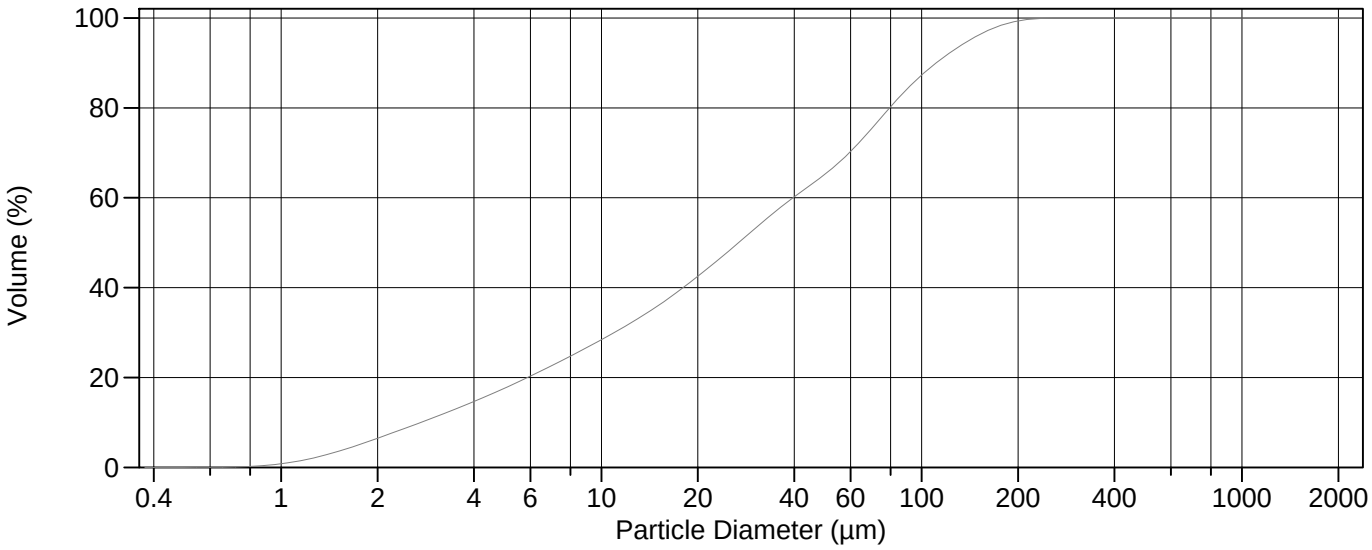

Volume Statistics (Arithmetic) 96.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	44.26 µm	95% Conf. Limits:	0-134.0 µm
Median:	26.80 µm	S.D.:	45.79 µm
D(3,2):	8.249 µm	Variance:	2097 μm^2
Mean/Median Ratio:	1.651	C.V.:	103%
Mode:	72.95 µm	Skewness:	1.370 Right skewed
d_{10}:	2.728 µm	Kurtosis:	1.540 Leptokurtic
d_{50}:	26.80 µm		
d_{90}:	111.0 µm		
Specific Surf. Area	7274 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.728	8.126	26.80	69.04	111.0

96.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.48	500.0	100
5.000	17.7	1000	100
10.00	28.4	2000	100
15.00	35.9		
20.00	42.5		
25.00	48.2		
50.00	65.3		
60.00	70.3		
63.00	71.9		
70.00	75.5		
75.00	78.0		
90.00	84.2		
125.0	92.7		
200.0	99.3		
250.0	100.0		
400.0	100		

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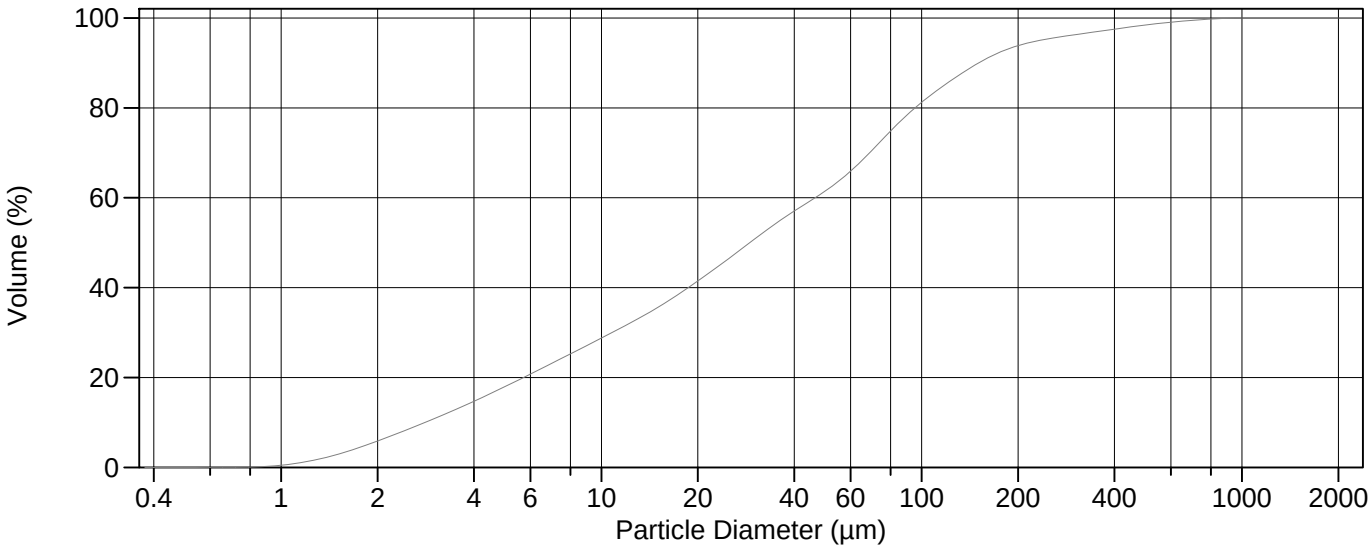

Volume Statistics (Arithmetic) 97#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	65.79 µm	95% Conf. Limits:	0-273.6 µm
Median:	29.07 µm	S.D.:	106.0 µm
D(3,2):	8.637 µm	Variance:	11246 μm^2
Mean/Median Ratio:	2.263	C.V.:	161%
Mode:	72.95 µm	Skewness:	3.852 Right skewed
d_{10}:	2.813 µm	Kurtosis:	19.02 Leptokurtic
d_{50}:	29.07 µm		
d_{90}:	150.7 µm		
Specific Surf. Area	6947 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.813	7.878	29.07	80.42	150.7

97#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.88	500.0	98.4
5.000	18.0	1000	100.0
10.00	28.8	2000	100
15.00	35.6		
20.00	41.5		
25.00	46.5		
50.00	61.5		
60.00	65.9		
63.00	67.3		
70.00	70.6		
75.00	72.8		
90.00	78.4		
125.0	86.3		
200.0	93.8		
250.0	95.4		
400.0	97.5		

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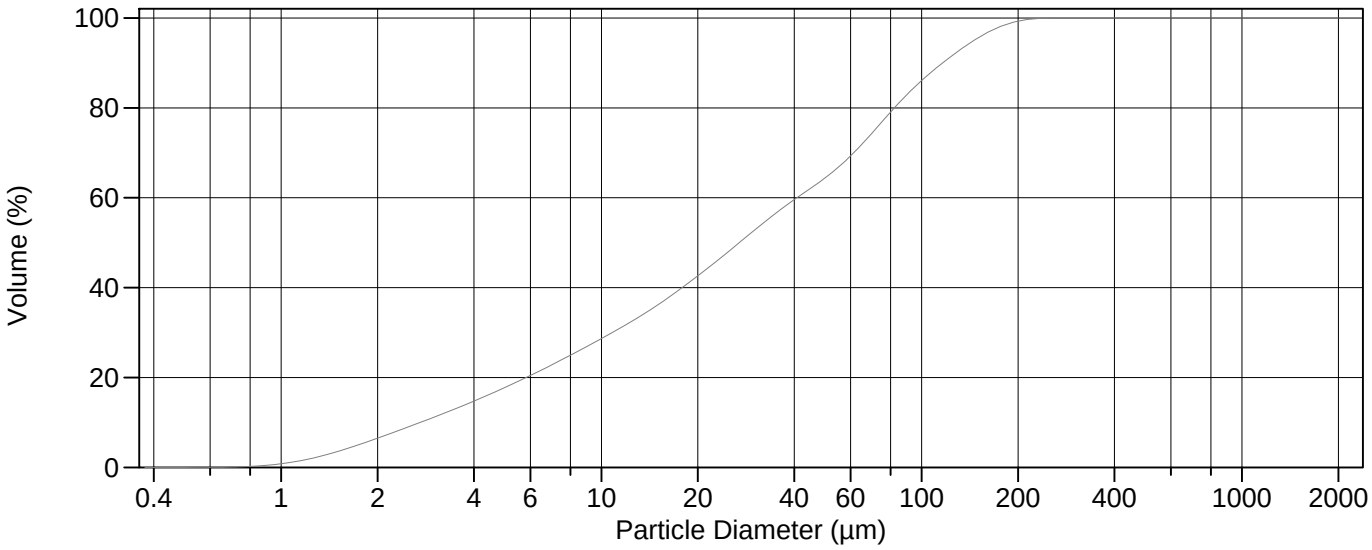

Volume Statistics (Arithmetic) 98.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	45.50 µm	95% Conf. Limits:	0-138.1 µm
Median:	26.95 µm	S.D.:	47.27 µm
D(3,2):	8.232 µm	Variance:	2234 µm^2
Mean/Median Ratio:	1.688	C.V.:	104%
Mode:	72.95 µm	Skewness:	1.318 Right skewed
d_{10}:	2.717 µm	Kurtosis:	1.232 Leptokurtic
d_{50}:	26.95 µm		
d_{90}:	116.4 µm		
Specific Surf. Area	7289 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.717	8.028	26.95	71.24	116.4

98.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.51	500.0	100
5.000	17.8	1000	100
10.00	28.6	2000	100
15.00	36.1		
20.00	42.6		
25.00	48.1		
50.00	64.4		
60.00	69.3		
63.00	70.8		
70.00	74.4		
75.00	76.8		
90.00	83.0		
125.0	91.7		
200.0	99.3		
250.0	100.0		
400.0	100		

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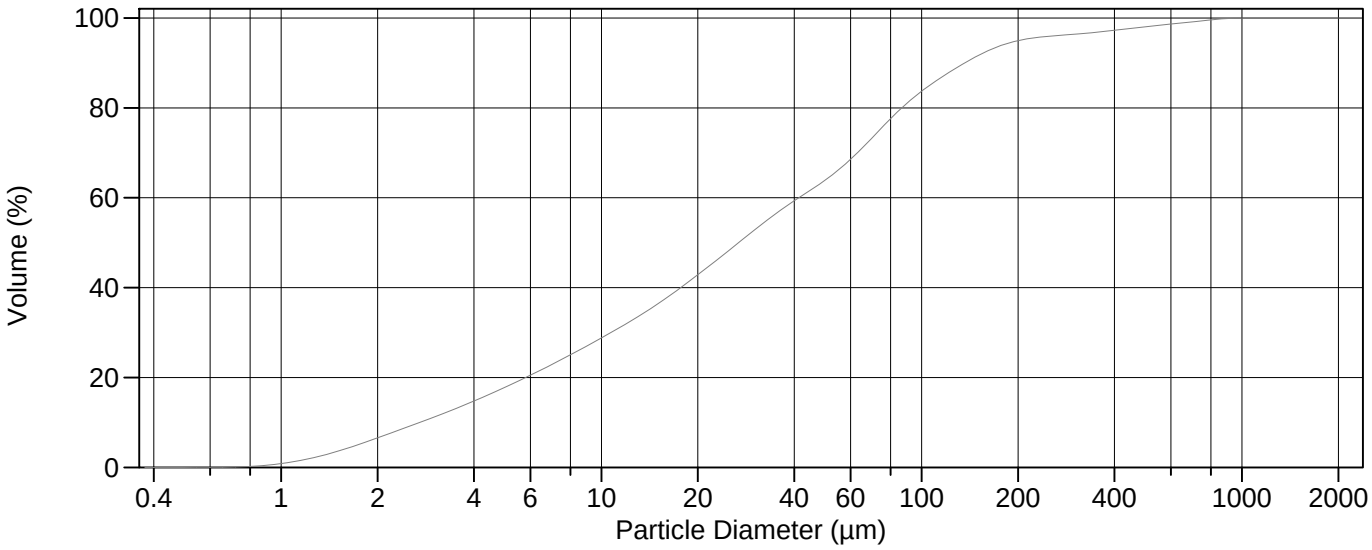

Volume Statistics (Arithmetic) 99.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	63.10 µm	95% Conf. Limits:	0-282.7 µm
Median:	26.81 µm	S.D.:	112.1 µm
D(3,2):	8.216 µm	Variance:	12555 µm^2
Mean/Median Ratio:	2.354	C.V.:	178%
Mode:	72.95 µm	Skewness:	4.344 Right skewed
d_{10}:	2.708 µm	Kurtosis:	22.68 Leptokurtic
d_{50}:	26.81 µm		
d_{90}:	136.3 µm		
Specific Surf. Area	7303 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.708	7.975	26.81	73.74	136.3

99.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.57	500.0	98.1
5.000	17.8	1000	100.0
10.00	28.8	2000	100
15.00	36.4		
20.00	42.9		
25.00	48.3		
50.00	63.9		
60.00	68.5		
63.00	70.0		
70.00	73.3		
75.00	75.6		
90.00	81.0		
125.0	88.4		
200.0	94.9		
250.0	95.9		
400.0	97.3		

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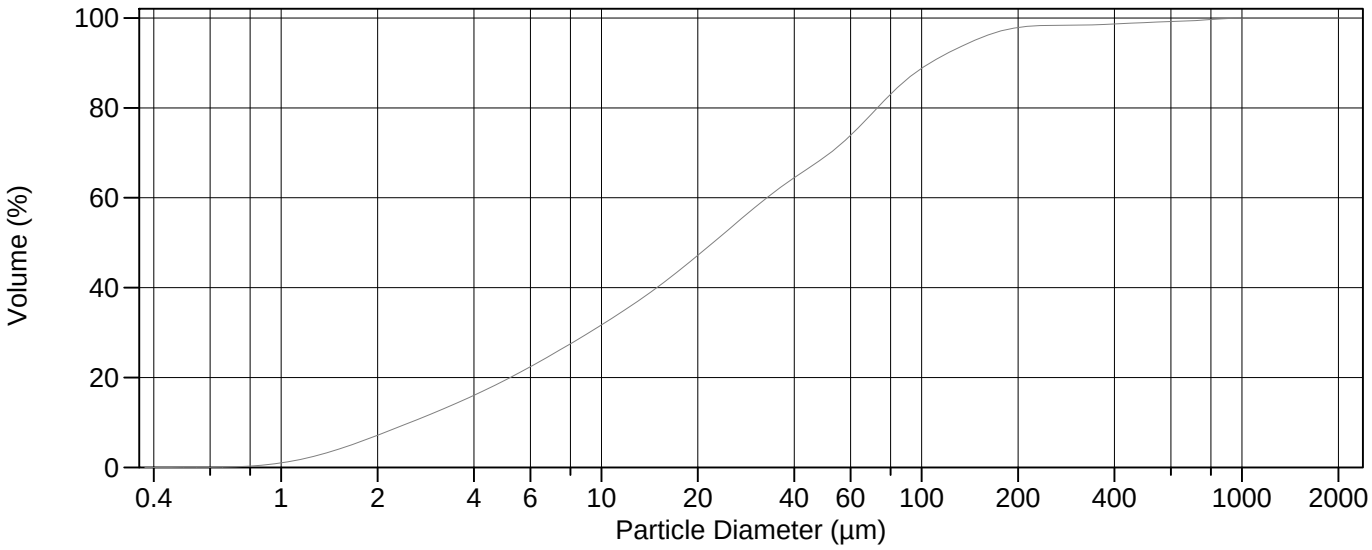

Volume Statistics (Arithmetic) 100.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	47.96 µm	95% Conf. Limits:	0-218.3 µm
Median:	22.31 µm	S.D.:	86.93 µm
D(3,2):	7.529 µm	Variance:	7556 μm^2
Mean/Median Ratio:	2.150	C.V.:	181%
Mode:	72.95 µm	Skewness:	6.013 Right skewed
d_{10}:	2.531 µm	Kurtosis:	46.64 Leptokurtic
d_{50}:	22.31 µm		
d_{90}:	106.3 µm		
Specific Surf. Area	7970 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.531	6.970	22.31	62.24	106.3

100.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.16	500.0	99.0
5.000	19.4	1000	100.0
10.00	31.7	2000	100
15.00	40.1		
20.00	47.2		
25.00	53.0		
50.00	69.2		
60.00	73.9		
63.00	75.4		
70.00	78.8		
75.00	81.0		
90.00	86.4		
125.0	92.7		
200.0	97.9		
250.0	98.3		
400.0	98.7		

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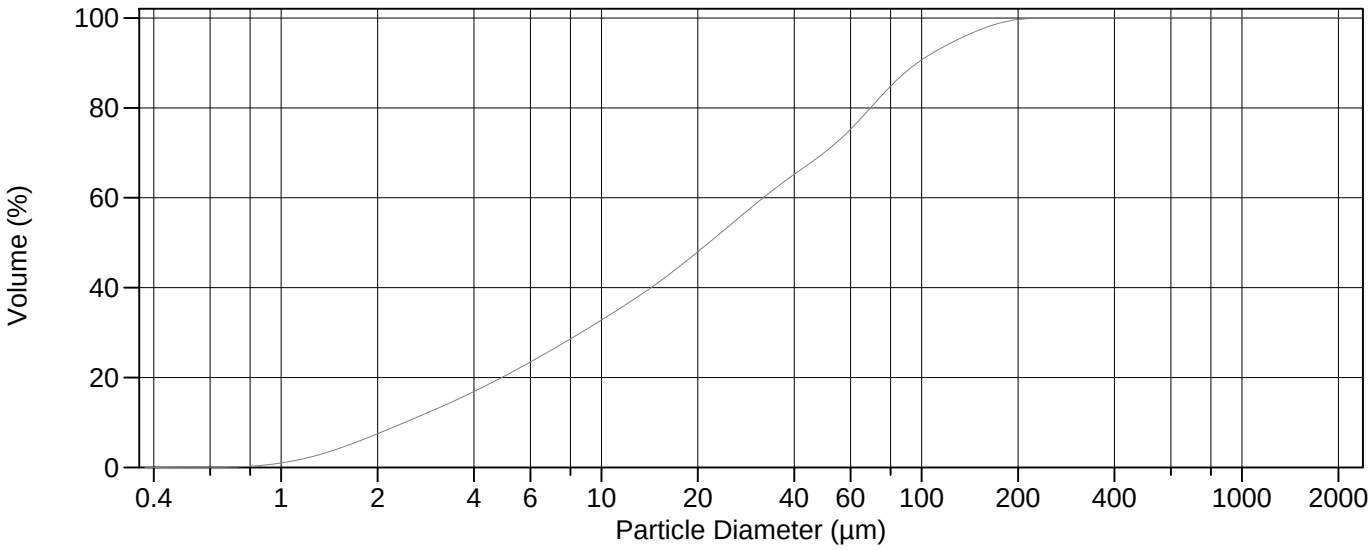

Volume Statistics (Arithmetic) 101.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	38.25 µm	95% Conf. Limits:	0-120.1 µm
Median:	21.67 µm	S.D.:	41.75 µm
D(3,2):	7.292 µm	Variance:	1743 μm^2
Mean/Median Ratio:	1.766	C.V.:	109%
Mode:	66.44 µm	Skewness:	1.543 Right skewed
d_{10}:	2.431 µm	Kurtosis:	2.190 Leptokurtic
d_{50}:	21.67 µm		
d_{90}:	97.00 µm		
Specific Surf. Area	8228 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.431	6.559	21.67	59.51	97.00

101.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.50	500.0	100
5.000	20.4	1000	100
10.00	32.8	2000	100
15.00	41.1		
20.00	48.0		
25.00	53.7		
50.00	70.2		
60.00	75.3		
63.00	76.8		
70.00	80.4		
75.00	82.7		
90.00	88.2		
125.0	94.6		
200.0	99.6		
250.0	100.0		
400.0	100		

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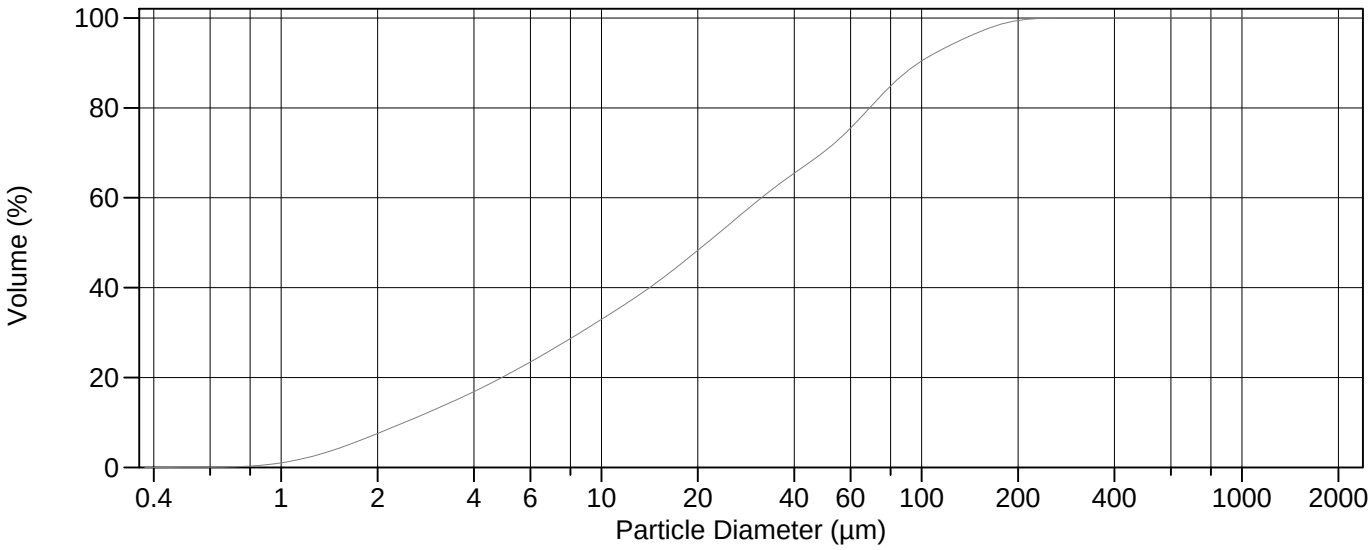

Volume Statistics (Arithmetic) 102.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	38.53 µm	95% Conf. Limits:	0-122.7 µm
Median:	21.40 µm	S.D.:	42.95 µm
D(3,2):	7.259 µm	Variance:	1844 μm^2
Mean/Median Ratio:	1.801	C.V.:	111%
Mode:	66.44 µm	Skewness:	1.637 Right skewed
d_{10}:	2.423 µm	Kurtosis:	2.610 Leptokurtic
d_{50}:	21.40 µm		
d_{90}:	97.98 µm		
Specific Surf. Area	8266 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.423	6.549	21.40	59.06	97.98

102.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.55	500.0	100
5.000	20.4	1000	100
10.00	32.9	2000	100
15.00	41.3		
20.00	48.3		
25.00	54.0		
50.00	70.4		
60.00	75.5		
63.00	77.1		
70.00	80.6		
75.00	82.8		
90.00	88.1		
125.0	94.2		
200.0	99.4		
250.0	100.0		
400.0	100		

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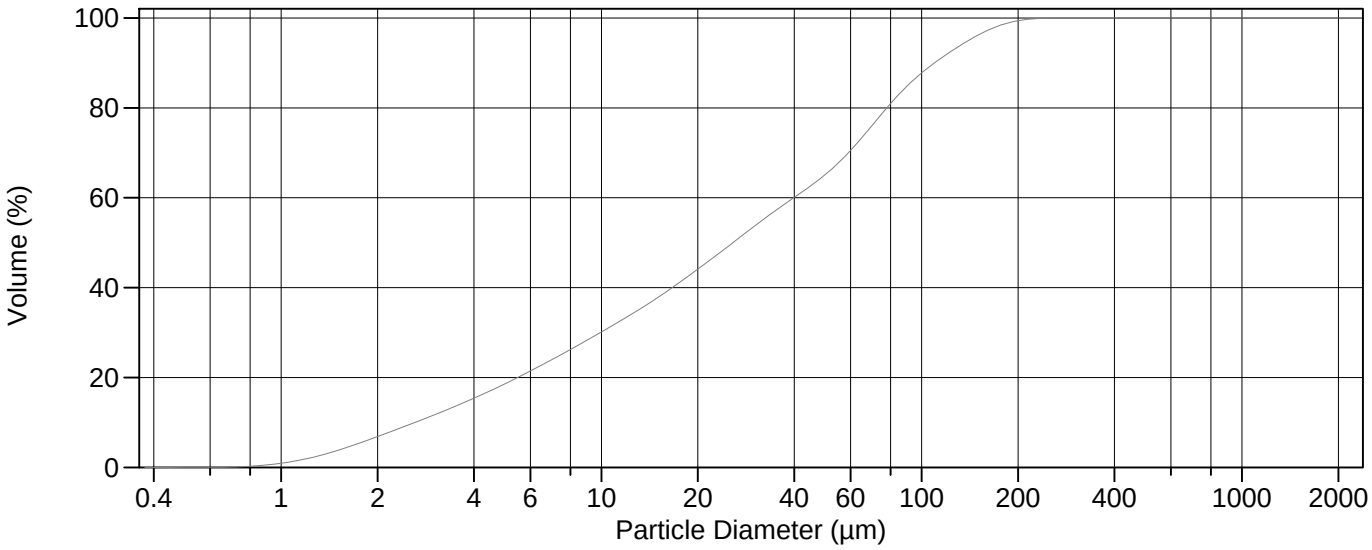

Volume Statistics (Arithmetic) 103.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	43.48 µm	95% Conf. Limits:	0-132.6 µm
Median:	25.75 µm	S.D.:	45.49 µm
D(3,2):	7.895 µm	Variance:	2069 μm^2
Mean/Median Ratio:	1.689	C.V.:	105%
Mode:	72.95 µm	Skewness:	1.366 Right skewed
d_{10}:	2.618 µm	Kurtosis:	1.499 Leptokurtic
d_{50}:	25.75 µm		
d_{90}:	109.5 µm		
Specific Surf. Area	7600 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.618	7.441	25.75	68.04	109.5

103.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.85	500.0	100
5.000	18.6	1000	100
10.00	30.1	2000	100
15.00	37.8		
20.00	44.1		
25.00	49.3		
50.00	65.1		
60.00	70.5		
63.00	72.2		
70.00	76.1		
75.00	78.6		
90.00	84.8		
125.0	92.8		
200.0	99.4		
250.0	100.0		
400.0	100		

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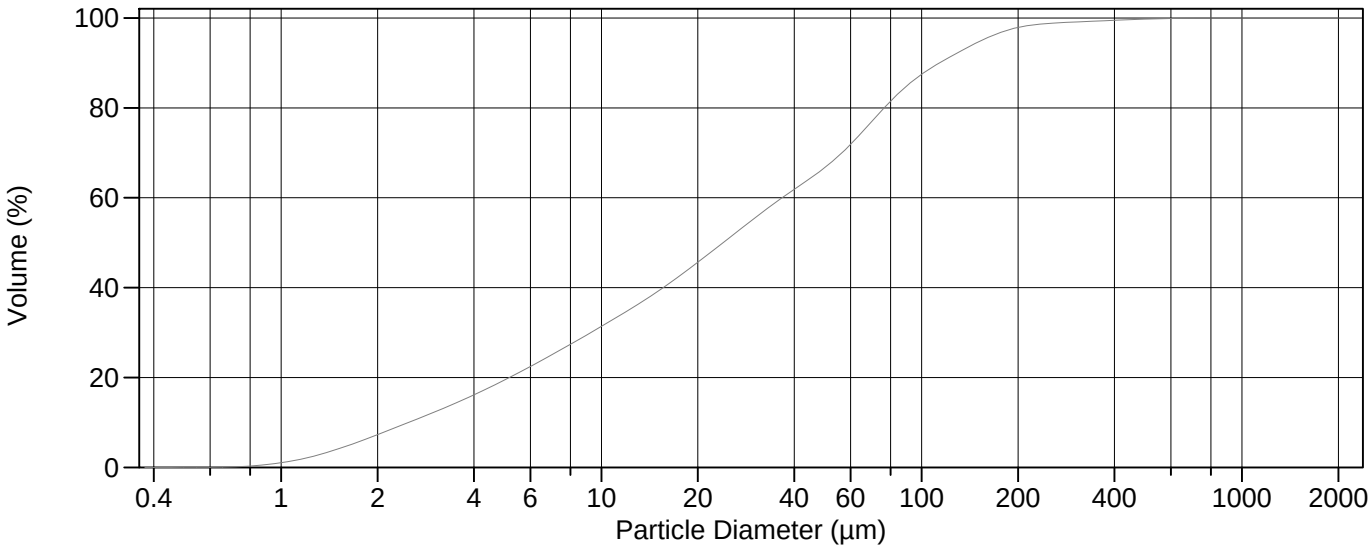

Volume Statistics (Arithmetic) 104#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	46.19 µm	95% Conf. Limits:	0-167.2 µm
Median:	24.00 µm	S.D.:	61.74 µm
D(3,2):	7.555 µm	Variance:	3812 μm^2
Mean/Median Ratio:	1.925	C.V.:	134%
Mode:	66.44 µm	Skewness:	3.688 Right skewed
d_{10}:	2.502 µm	Kurtosis:	23.22 Leptokurtic
d_{50}:	24.00 µm		
d_{90}:	113.7 µm		
Specific Surf. Area	7941 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.502	6.981	24.00	65.97	113.7

104#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.30	500.0	99.8
5.000	19.5	1000	100
10.00	31.4	2000	100
15.00	39.2		
20.00	45.7		
25.00	51.0		
50.00	66.8		
60.00	71.9		
63.00	73.5		
70.00	77.1		
75.00	79.4		
90.00	84.9		
125.0	91.7		
200.0	97.9		
250.0	98.8		
400.0	99.5		

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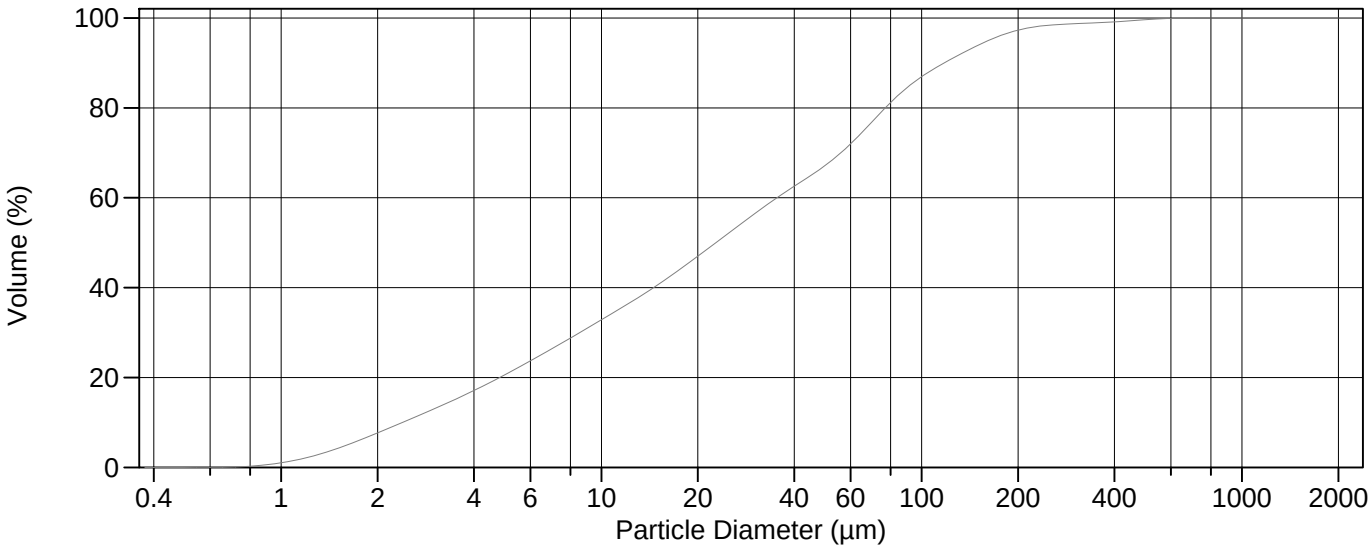

Volume Statistics (Arithmetic) 105.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	47.52 µm	95% Conf. Limits:	0-180.3 µm
Median:	22.77 µm	S.D.:	67.76 µm
D(3,2):	7.289 µm	Variance:	4591 μm^2
Mean/Median Ratio:	2.087	C.V.:	143%
Mode:	72.95 µm	Skewness:	3.690 Right skewed
d_{10}:	2.393 µm	Kurtosis:	20.30 Leptokurtic
d_{50}:	22.77 µm		
d_{90}:	117.7 µm		
Specific Surf. Area	8232 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.393	6.472	22.77	66.08	117.7

105.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.68	500.0	99.6
5.000	20.6	1000	100
10.00	32.8	2000	100
15.00	40.6		
20.00	47.0		
25.00	52.2		
50.00	67.2		
60.00	72.0		
63.00	73.5		
70.00	76.9		
75.00	79.2		
90.00	84.5		
125.0	91.0		
200.0	97.3		
250.0	98.4		
400.0	99.1		

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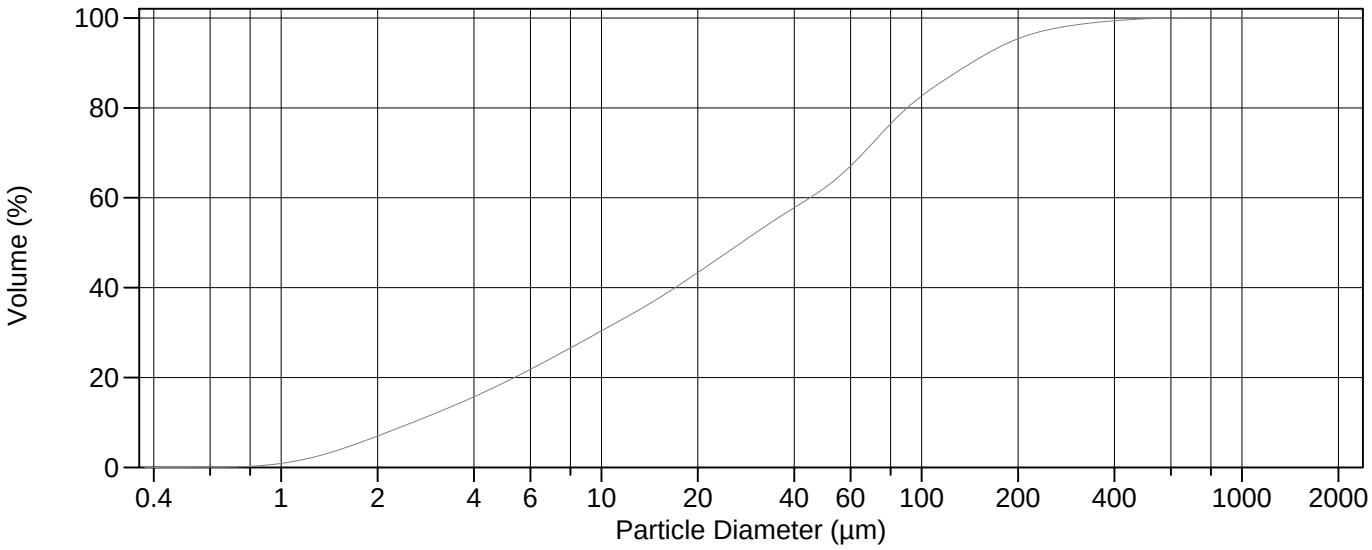

Volume Statistics (Arithmetic) 106.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	55.32 µm	95% Conf. Limits:	0-196.2 µm
Median:	27.31 µm	S.D.:	71.89 µm
D(3,2):	7.905 µm	Variance:	5168 μm^2
Mean/Median Ratio:	2.026	C.V.:	130%
Mode:	72.95 µm	Skewness:	2.615 Right skewed
d_{10}:	2.573 µm	Kurtosis:	9.697 Leptokurtic
d_{50}:	27.31 µm		
d_{90}:	143.0 µm		
Specific Surf. Area	7590 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.573	7.283	27.31	76.40	143.0

106.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.99	500.0	99.8
5.000	19.0	1000	100
10.00	30.4	2000	100
15.00	37.5		
20.00	43.4		
25.00	48.1		
50.00	62.3		
60.00	67.1		
63.00	68.6		
70.00	72.0		
75.00	74.4		
90.00	80.0		
125.0	87.4		
200.0	95.4		
250.0	97.4		
400.0	99.4		

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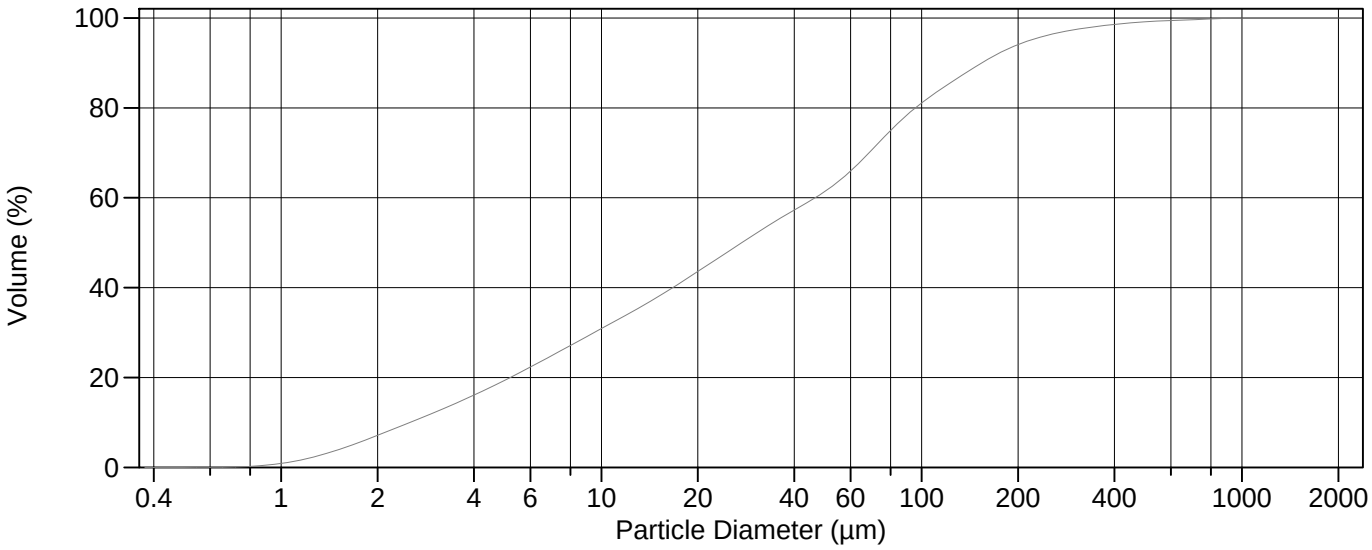

Volume Statistics (Arithmetic) 107.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	61.74 µm	95% Conf. Limits:	0-245.2 µm
Median:	27.41 µm	S.D.:	93.60 µm
D(3,2):	7.812 µm	Variance:	8762 μm^2
Mean/Median Ratio:	2.252	C.V.:	152%
Mode:	72.95 µm	Skewness:	3.900 Right skewed
d_{10}:	2.525 µm	Kurtosis:	22.63 Leptokurtic
d_{50}:	27.41 µm		
d_{90}:	154.2 µm		
Specific Surf. Area	7680 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.525	7.056	27.41	80.12	154.2

107.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.14	500.0	99.2
5.000	19.4	1000	100.0
10.00	30.9	2000	100
15.00	37.9		
20.00	43.6		
25.00	48.1		
50.00	61.5		
60.00	65.9		
63.00	67.4		
70.00	70.7		
75.00	72.9		
90.00	78.4		
125.0	85.9		
200.0	94.1		
250.0	96.2		
400.0	98.6		

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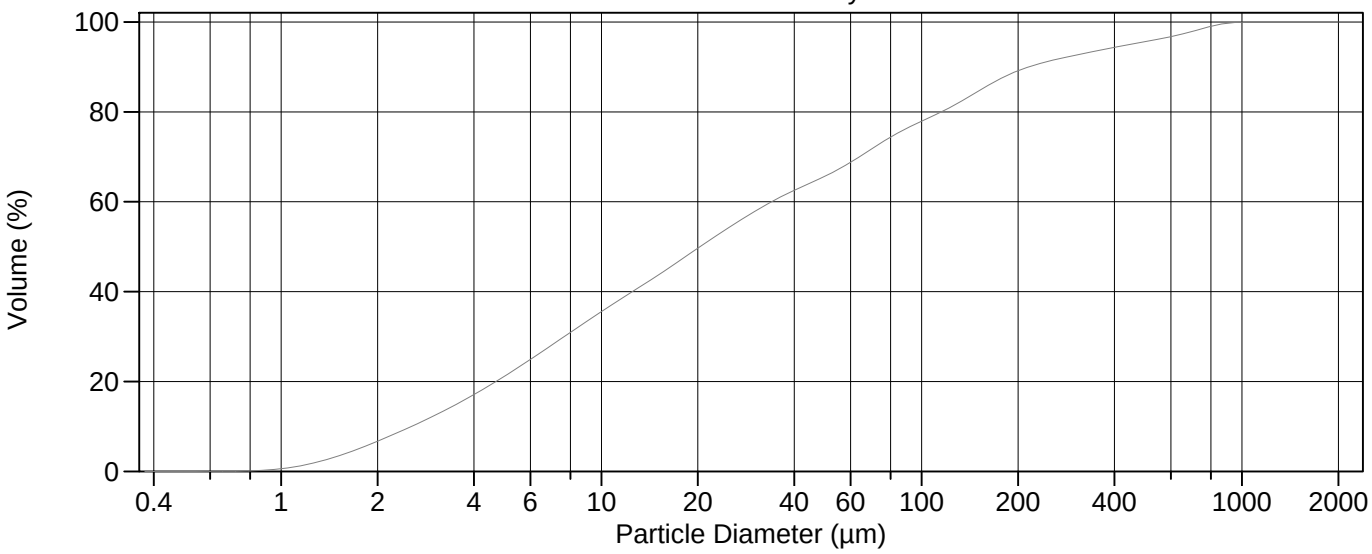


Volume Statistics (Arithmetic) 108.$02

Calculations from 0.375 µm to 2000 µm

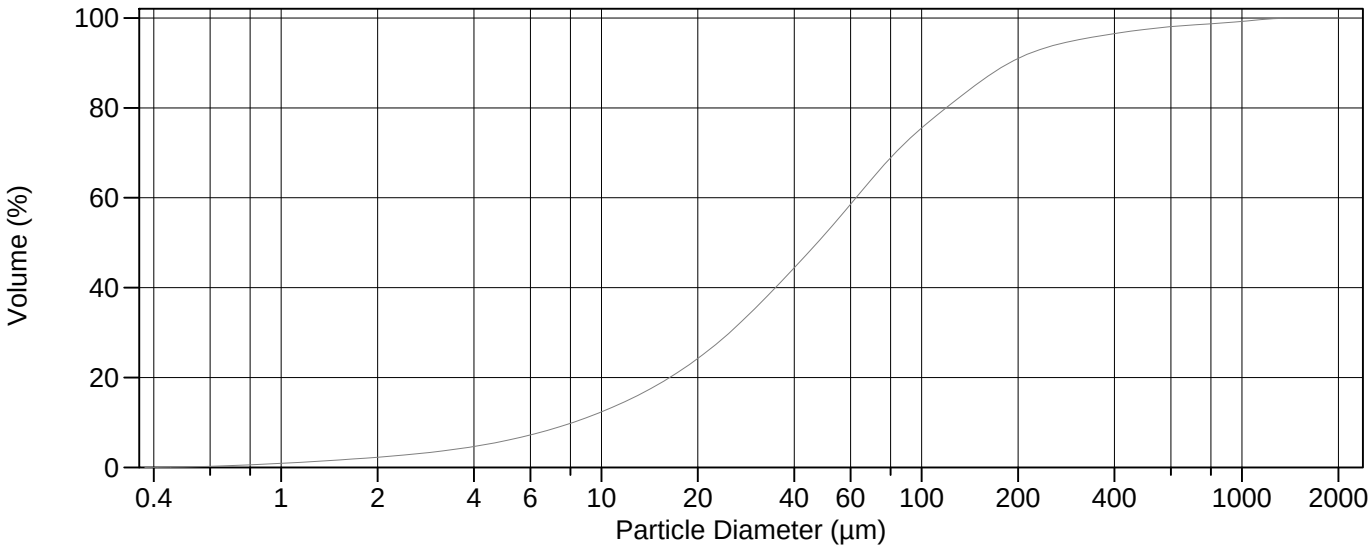
Volume	100.0%		
Mean:	84.26 µm	95% Conf. Limits:	0-393.5 µm
Median:	20.33 µm	S.D.:	157.8 µm
D(3,2):	7.504 µm	Variance:	24889 μm^2
Mean/Median Ratio:	4.146	C.V.:	187%
Mode:	18.00 µm	Skewness:	3.124 Right skewed
d_{10}:	2.550 µm	Kurtosis:	10.22 Leptokurtic
d_{50}:	20.33 µm		
d_{90}:	215.9 µm		
Specific Surf. Area	7995 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.550	6.028	20.33	82.79	215.9

108.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.72	500.0	95.7
5.000	21.2	1000	100.0
10.00	35.6	2000	100
15.00	43.6		
20.00	49.6		
25.00	54.3		
50.00	65.7		
60.00	68.8		
63.00	69.7		
70.00	71.8		
75.00	73.2		
90.00	76.4		
125.0	81.3		
200.0	89.1		
250.0	91.3		
400.0	94.4		

2014.0017 - stand. MINN



Volume Statistics (Arithmetic) 109.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	90.46 µm	95% Conf. Limits:	0-382.0 µm
Median:	47.25 µm	S.D.:	148.7 µm
D(3,2):	15.43 µm	Variance:	22124 µm^2
Mean/Median Ratio:	1.915	C.V.:	164%
Mode:	60.52 µm	Skewness:	4.624 Right skewed
d_{10}:	8.145 µm	Kurtosis:	26.66 Leptokurtic
d_{50}:	47.25 µm		
d_{90}:	188.2 µm		
Specific Surf. Area	3888 cm^2/ml		

% <	10	25	50	75	90
Size µm	8.145	20.67	47.25	98.10	188.2

109.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	2.26	500.0	97.5
5.000	5.92	1000	99.2
10.00	12.4	2000	100
15.00	18.4		
20.00	24.2		
25.00	29.9		
50.00	51.9		
60.00	58.5		
63.00	60.4		
70.00	64.3		
75.00	66.7		
90.00	72.6		
125.0	81.2		
200.0	91.0		
250.0	93.6		
400.0	96.5		

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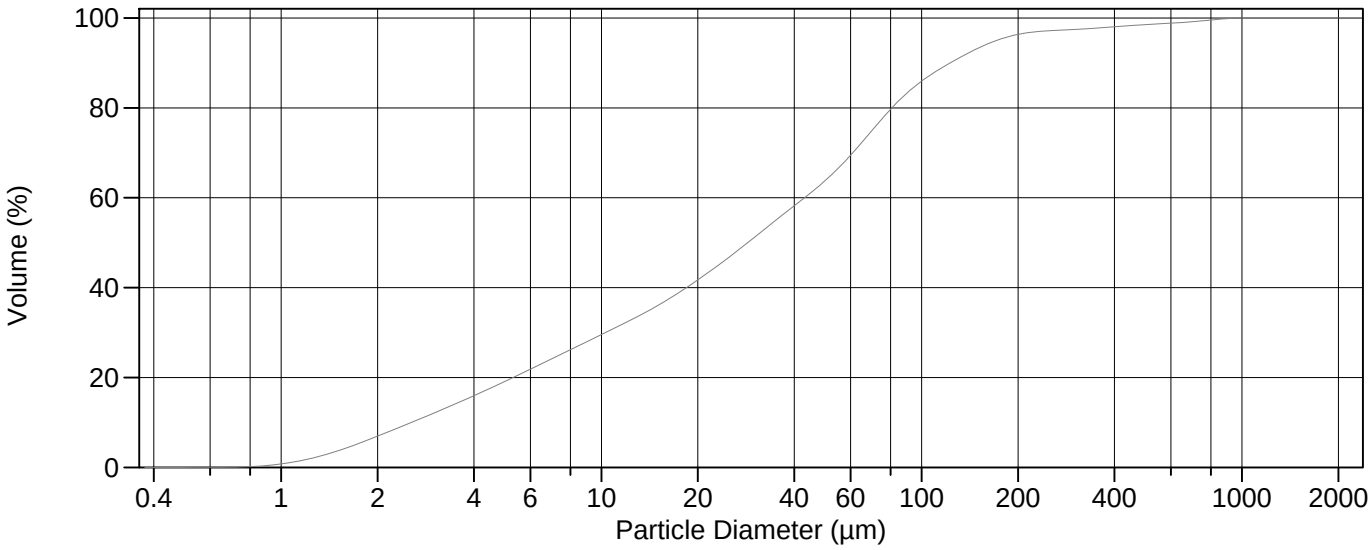

Volume Statistics (Arithmetic) 110.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	57.69 µm	95% Conf. Limits:	0-257.2 µm
Median:	28.63 µm	S.D.:	101.8 µm
D(3,2):	7.984 µm	Variance:	10361 μm^2
Mean/Median Ratio:	2.015	C.V.:	176%
Mode:	66.44 µm	Skewness:	5.075 Right skewed
d_{10}:	2.552 µm	Kurtosis:	31.98 Leptokurtic
d_{50}:	28.63 µm		
d_{90}:	122.6 µm		
Specific Surf. Area	7515 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.552	7.393	28.63	70.00	122.6

110.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.95	500.0	98.5
5.000	19.1	1000	100.0
10.00	29.5	2000	100
15.00	36.0		
20.00	41.7		
25.00	46.8		
50.00	63.8		
60.00	69.5		
63.00	71.2		
70.00	75.0		
75.00	77.5		
90.00	83.3		
125.0	90.3		
200.0	96.3		
250.0	97.2		
400.0	98.0		

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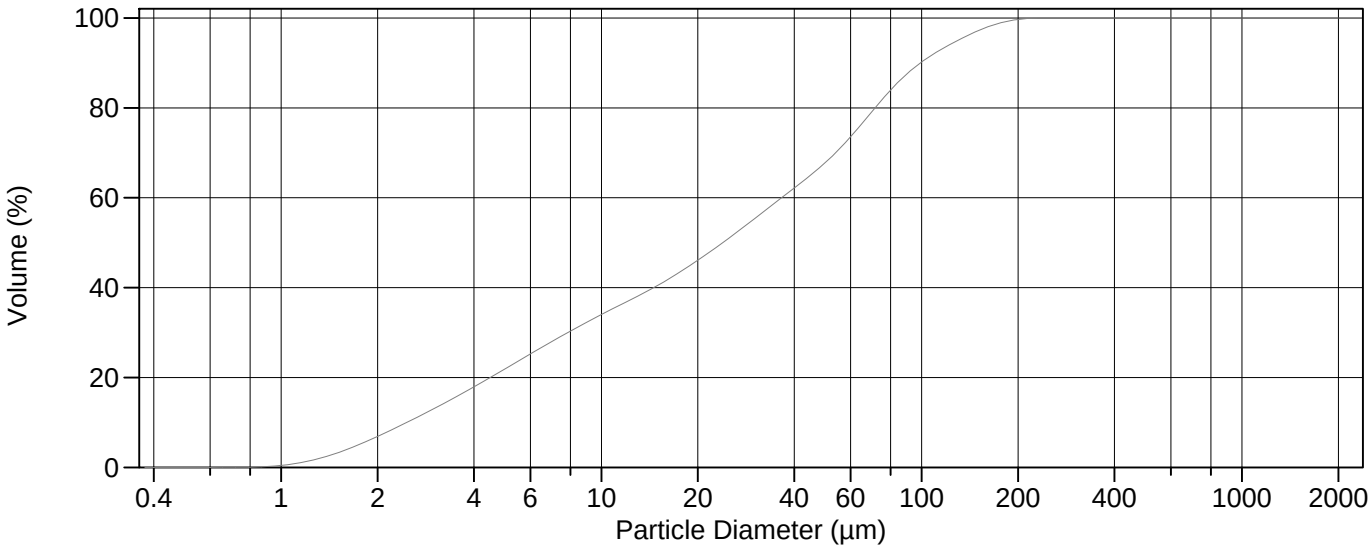

Volume Statistics (Arithmetic) 111.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	39.75 µm	95% Conf. Limits:	0-122.7 µm
Median:	23.92 µm	S.D.:	42.32 µm
D(3,2):	7.490 µm	Variance:	1791 μm^2
Mean/Median Ratio:	1.662	C.V.:	106%
Mode:	66.44 µm	Skewness:	1.420 Right skewed
d_{10}:	2.467 µm	Kurtosis:	1.758 Leptokurtic
d_{50}:	23.92 µm		
d_{90}:	99.13 µm		
Specific Surf. Area	8010 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.467	5.925	23.92	62.48	99.13

111.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.89	500.0	100
5.000	21.9	1000	100
10.00	34.0	2000	100
15.00	40.5		
20.00	46.1		
25.00	51.0		
50.00	67.8		
60.00	73.6		
63.00	75.3		
70.00	79.2		
75.00	81.7		
90.00	87.6		
125.0	94.4		
200.0	99.7		
250.0	100.0		
400.0	100		

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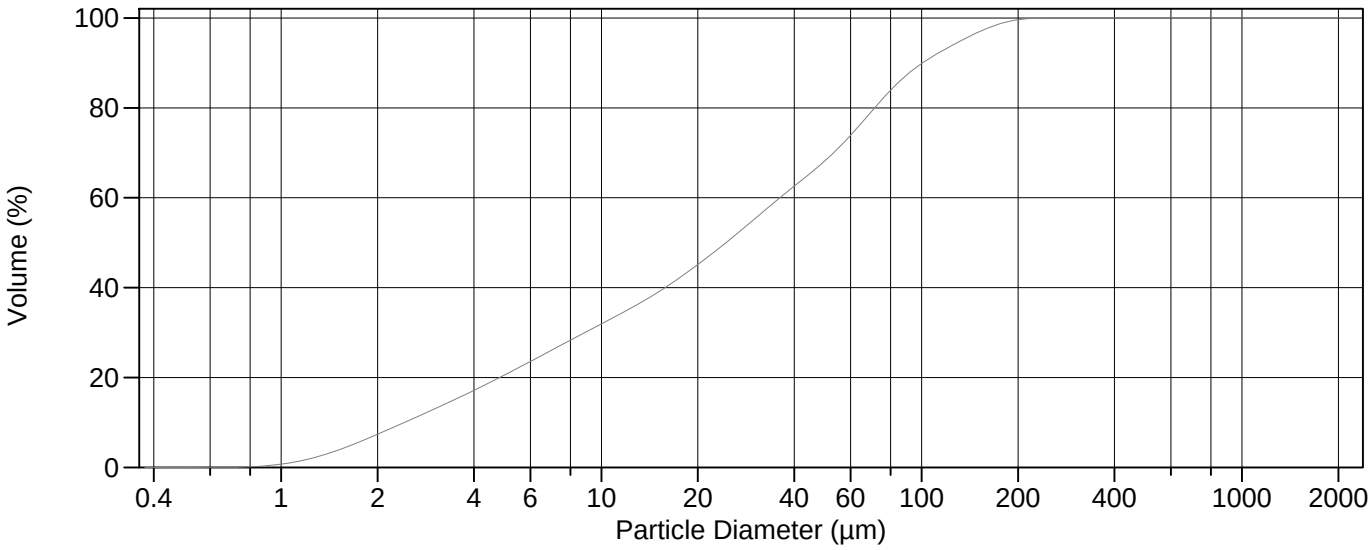

Volume Statistics (Arithmetic) 112.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	40.27 µm	95% Conf. Limits:	0-124.4 µm
Median:	24.48 µm	S.D.:	42.90 µm
D(3,2):	7.503 µm	Variance:	1841 μm^2
Mean/Median Ratio:	1.645	C.V.:	107%
Mode:	66.44 µm	Skewness:	1.475 Right skewed
d_{10}:	2.425 µm	Kurtosis:	1.942 Leptokurtic
d_{50}:	24.48 µm		
d_{90}:	100.5 µm		
Specific Surf. Area	7996 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.425	6.553	24.48	61.96	100.5

112.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.38	500.0	100
5.000	20.6	1000	100
10.00	31.9	2000	100
15.00	38.9		
20.00	45.1		
25.00	50.5		
50.00	68.3		
60.00	73.9		
63.00	75.6		
70.00	79.4		
75.00	81.8		
90.00	87.4		
125.0	94.0		
200.0	99.6		
250.0	100.0		
400.0	100		

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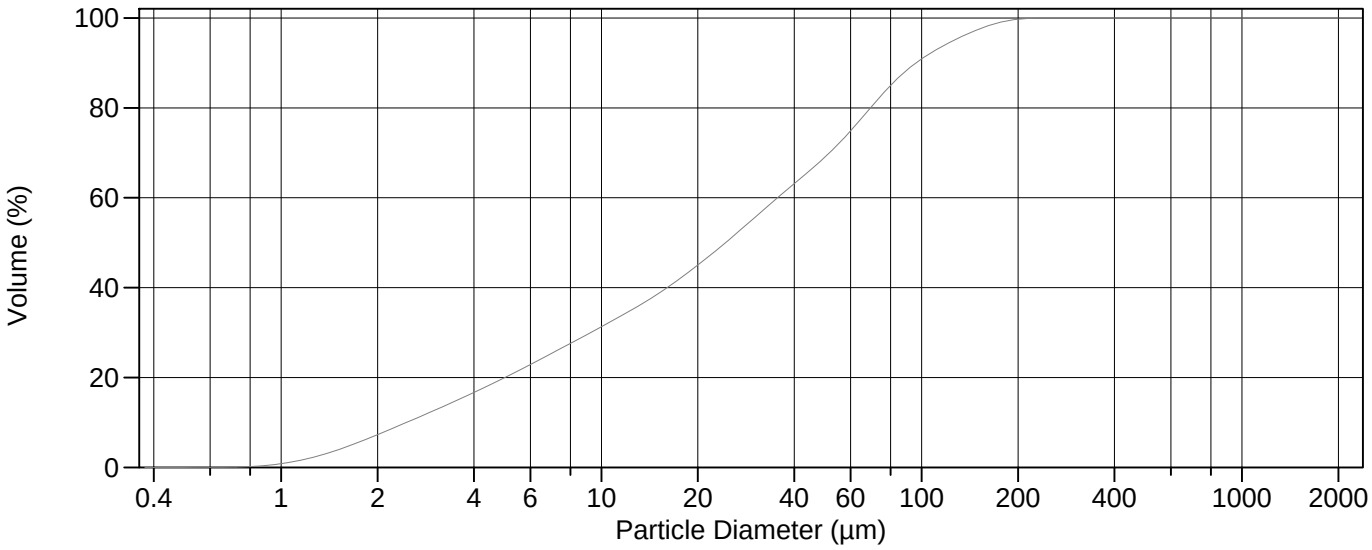

Volume Statistics (Arithmetic) 113.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	39.09 µm	95% Conf. Limits:	0-119.3 µm
Median:	24.41 µm	S.D.:	40.94 µm
D(3,2):	7.553 µm	Variance:	1676 μm^2
Mean/Median Ratio:	1.602	C.V.:	105%
Mode:	66.44 µm	Skewness:	1.473 Right skewed
d_{10}:	2.461 µm	Kurtosis:	2.030 Leptokurtic
d_{50}:	24.41 µm		
d_{90}:	96.07 µm		
Specific Surf. Area	7944 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.461	6.834	24.41	60.21	96.07

113.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.30	500.0	100
5.000	20.0	1000	100
10.00	31.3	2000	100
15.00	38.6		
20.00	45.0		
25.00	50.6		
50.00	69.1		
60.00	74.9		
63.00	76.6		
70.00	80.4		
75.00	82.8		
90.00	88.4		
125.0	94.9		
200.0	99.7		
250.0	100.0		
400.0	100		

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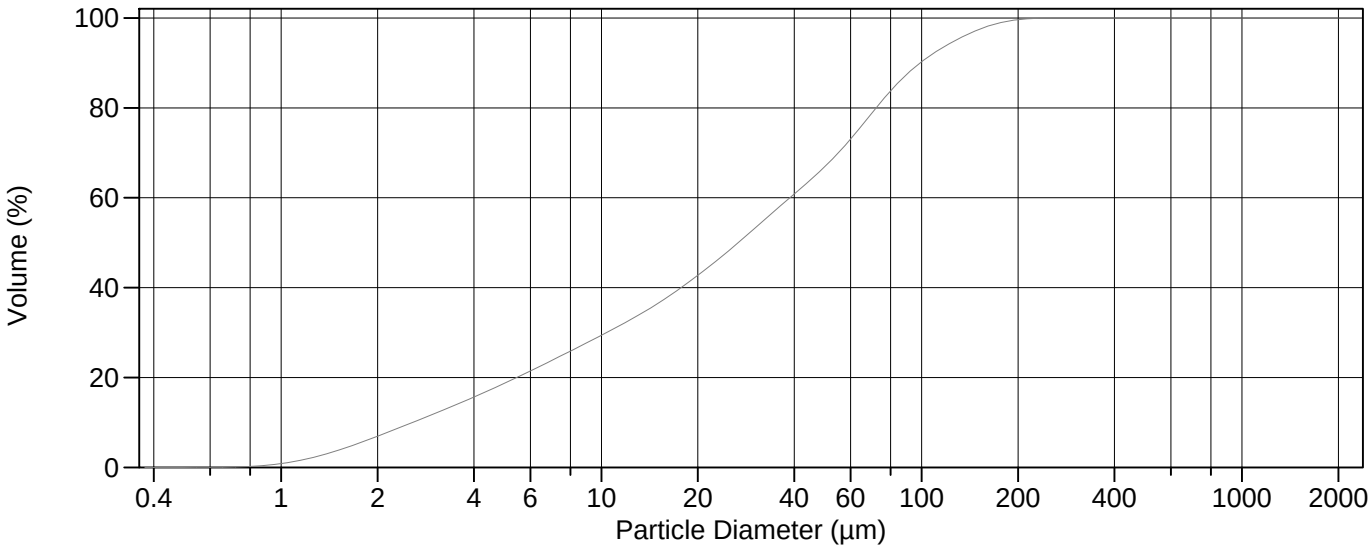

Volume Statistics (Arithmetic) 114.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	40.98 µm	95% Conf. Limits:	0-122.5 µm
Median:	26.74 µm	S.D.:	41.61 µm
D(3,2):	7.906 µm	Variance:	1731 μm^2
Mean/Median Ratio:	1.533	C.V.:	102%
Mode:	66.44 µm	Skewness:	1.410 Right skewed
d_{10}:	2.573 µm	Kurtosis:	1.910 Leptokurtic
d_{50}:	26.74 µm		
d_{90}:	98.92 µm		
Specific Surf. Area	7589 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.573	7.566	26.74	63.22	98.92

114.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.95	500.0	100
5.000	18.8	1000	100
10.00	29.4	2000	100
15.00	36.5		
20.00	42.7		
25.00	48.2		
50.00	67.0		
60.00	73.0		
63.00	74.9		
70.00	78.9		
75.00	81.5		
90.00	87.5		
125.0	94.7		
200.0	99.6		
250.0	100.0		
400.0	100		

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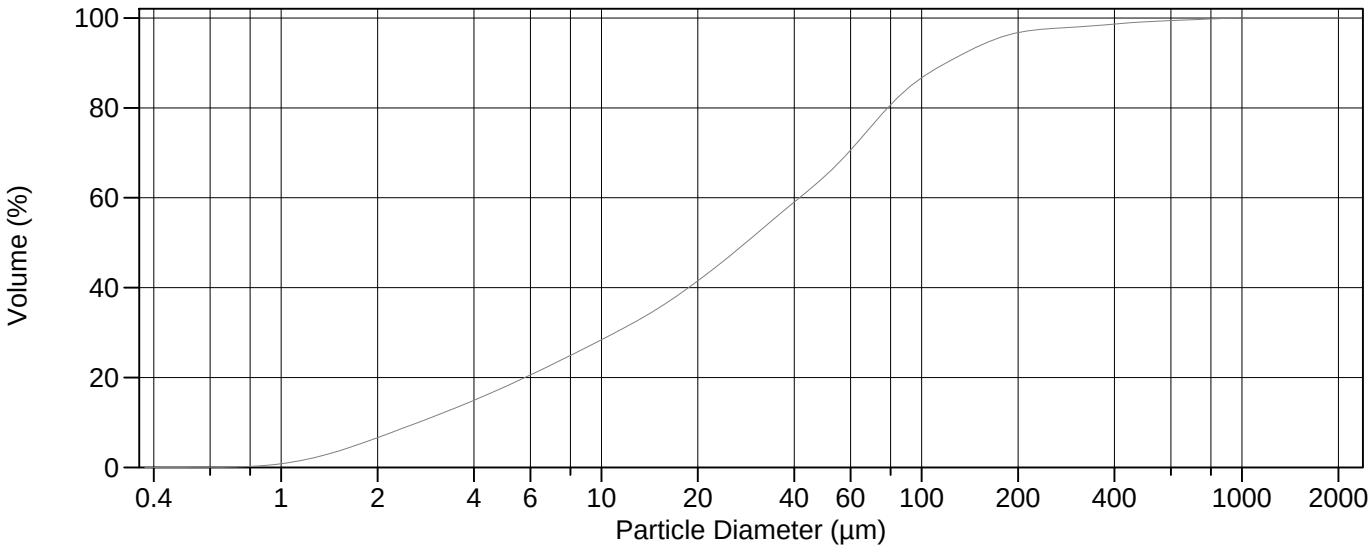

Volume Statistics (Arithmetic) 115.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	53.42 µm	95% Conf. Limits:	0-220.3 µm
Median:	28.24 µm	S.D.:	85.14 µm
D(3,2):	8.227 µm	Variance:	7249 μm^2
Mean/Median Ratio:	1.892	C.V.:	159%
Mode:	66.44 µm	Skewness:	5.007 Right skewed
d_{10}:	2.678 µm	Kurtosis:	34.94 Leptokurtic
d_{50}:	28.24 µm		
d_{90}:	119.2 µm		
Specific Surf. Area	7293 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.678	8.049	28.24	67.91	119.2

115.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.62	500.0	99.2
5.000	17.9	1000	100.0
10.00	28.4	2000	100
15.00	35.3		
20.00	41.5		
25.00	46.9		
50.00	64.9		
60.00	70.6		
63.00	72.3		
70.00	76.1		
75.00	78.5		
90.00	84.2		
125.0	90.8		
200.0	96.7		
250.0	97.6		
400.0	98.7		

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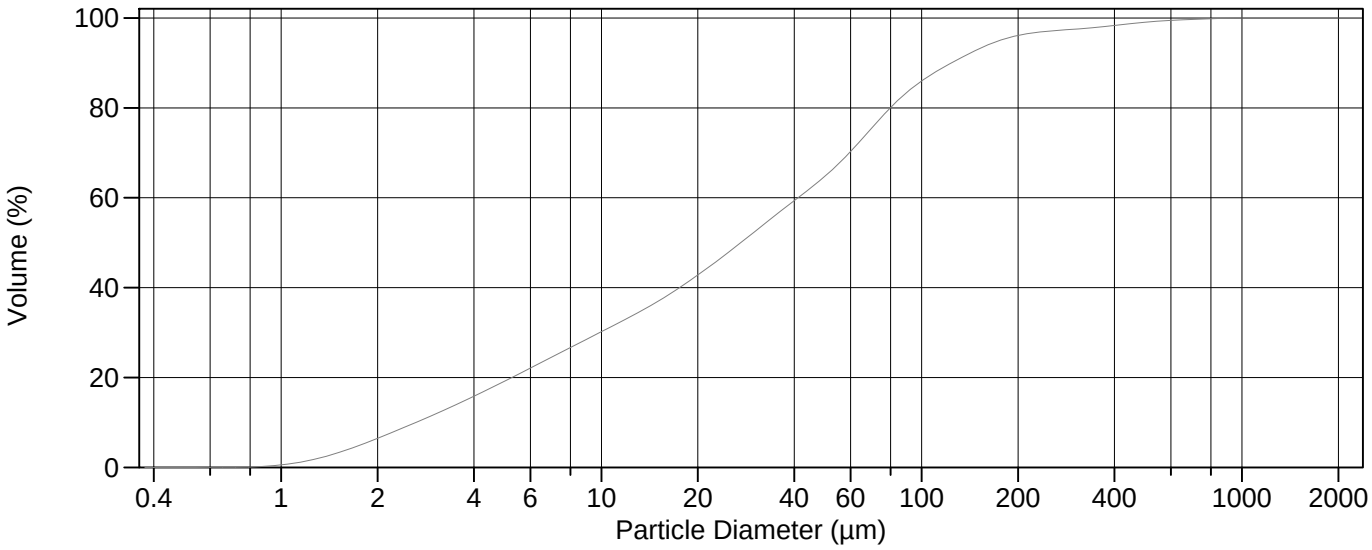

Volume Statistics (Arithmetic) 116#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	54.95 µm	95% Conf. Limits:	0-229.1 µm
Median:	27.22 µm	S.D.:	88.85 µm
D(3,2):	8.123 µm	Variance:	7895 μm^2
Mean/Median Ratio:	2.018	C.V.:	162%
Mode:	66.44 µm	Skewness:	4.568 Right skewed
d_{10}:	2.634 µm	Kurtosis:	28.55 Leptokurtic
d_{50}:	27.22 µm		
d_{90}:	123.8 µm		
Specific Surf. Area	7387 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.634	7.207	27.22	68.82	123.8

116#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.46	500.0	99.1
5.000	19.2	1000	100.0
10.00	30.2	2000	100
15.00	36.9		
20.00	42.8		
25.00	47.9		
50.00	64.8		
60.00	70.3		
63.00	71.9		
70.00	75.6		
75.00	78.0		
90.00	83.5		
125.0	90.1		
200.0	96.1		
250.0	97.1		
400.0	98.3		

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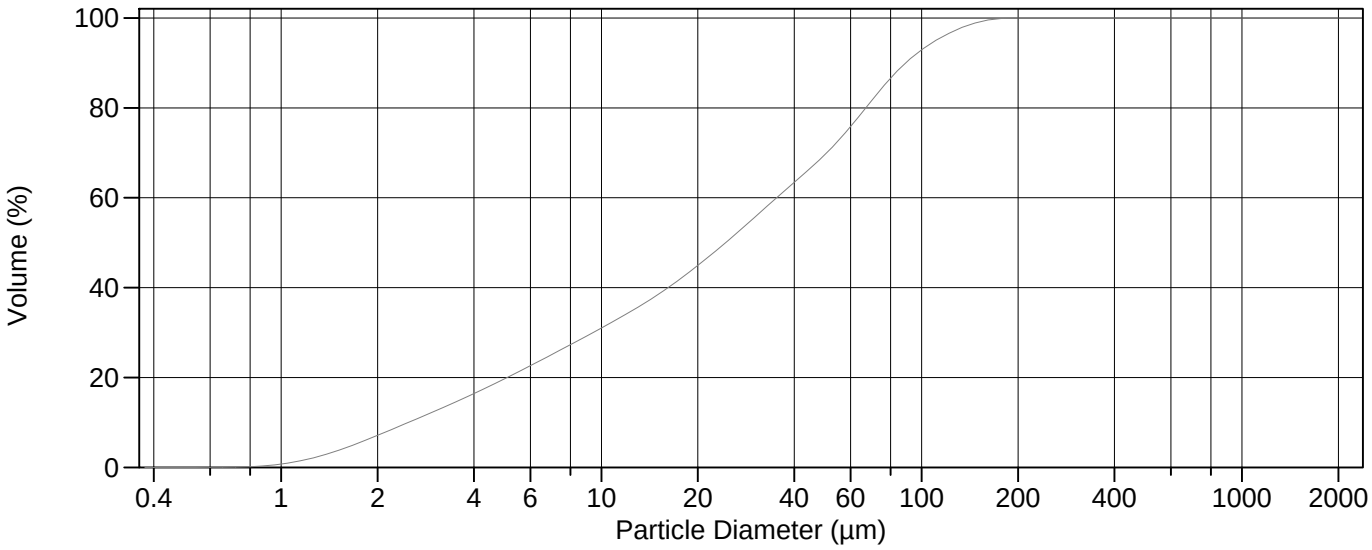

Volume Statistics (Arithmetic) 117.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	36.89 µm	95% Conf. Limits:	0-108.0 µm
Median:	24.42 µm	S.D.:	36.26 µm
D(3,2):	7.649 µm	Variance:	1315 µm^2
Mean/Median Ratio:	1.511	C.V.:	98.3%
Mode:	66.44 µm	Skewness:	1.218 Right skewed
d_{10}:	2.497 µm	Kurtosis:	1.036 Leptokurtic
d_{50}:	24.42 µm		
d_{90}:	89.19 µm		
Specific Surf. Area	7844 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.497	6.958	24.42	58.66	89.19

117.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.13	500.0	100
5.000	19.7	1000	100
10.00	31.0	2000	100
15.00	38.4		
20.00	44.9		
25.00	50.6		
50.00	69.7		
60.00	75.8		
63.00	77.7		
70.00	81.7		
75.00	84.3		
90.00	90.3		
125.0	97.0		
200.0	100.0		
250.0	100		
400.0	100		

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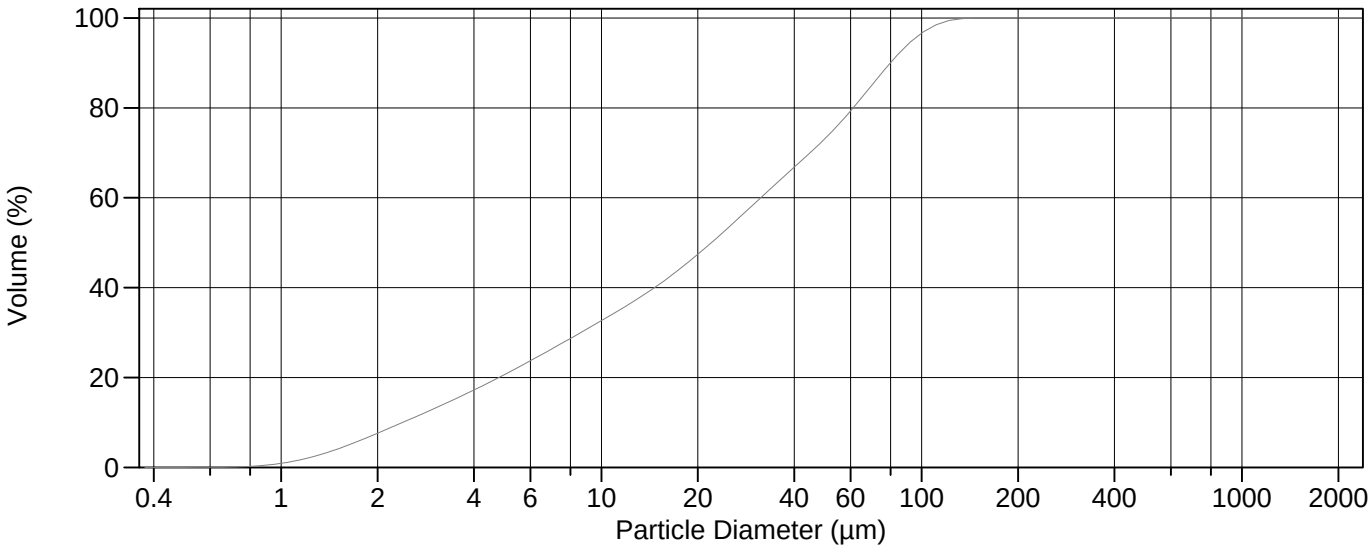

Volume Statistics (Arithmetic) 118.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	32.50 µm	95% Conf. Limits:	0-92.51 µm
Median:	22.05 µm	S.D.:	30.62 µm
D(3,2):	7.234 µm	Variance:	937.4 µm^2
Mean/Median Ratio:	1.474	C.V.:	94.2%
Mode:	66.44 µm	Skewness:	0.985 Right skewed
d_{10}:	2.396 µm	Kurtosis:	0.070 Leptokurtic
d_{50}:	22.05 µm		
d_{90}:	79.90 µm		
Specific Surf. Area	8294 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.396	6.468	22.05	52.91	79.90

118.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.60	500.0	100
5.000	20.7	1000	100
10.00	32.6	2000	100
15.00	40.5		
20.00	47.4		
25.00	53.5		
50.00	73.2		
60.00	79.3		
63.00	81.1		
70.00	85.1		
75.00	87.7		
90.00	93.9		
125.0	99.6		
200.0	100		
250.0	100		
400.0	100		

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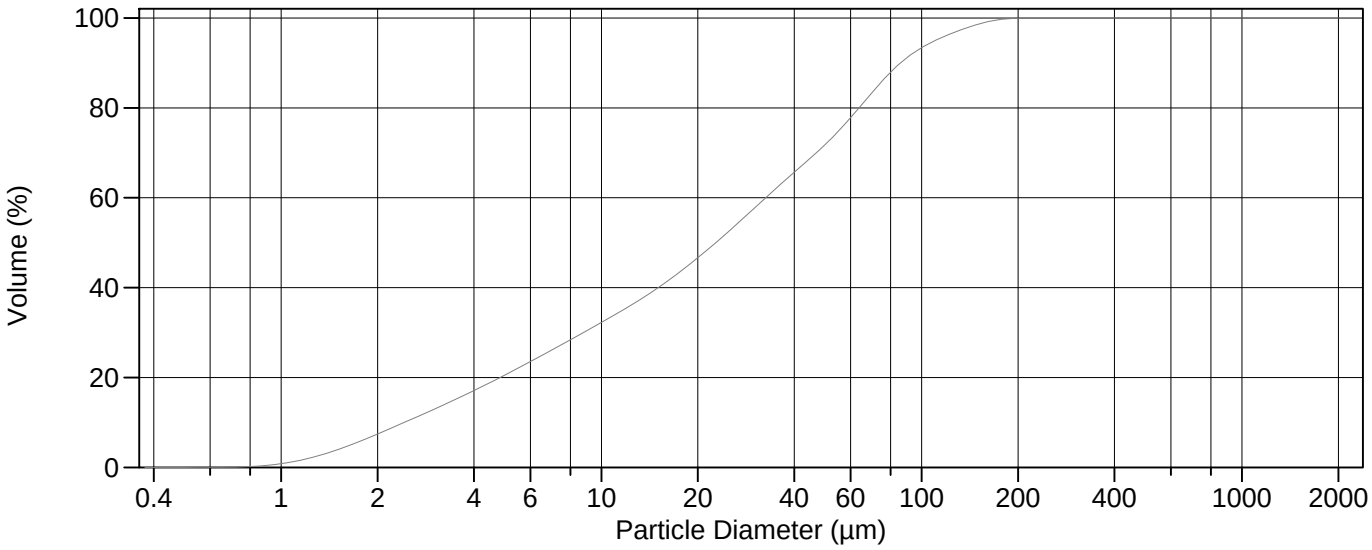

Volume Statistics (Arithmetic) 119.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	35.53 µm	95% Conf. Limits:	0-107.0 µm
Median:	22.74 µm	S.D.:	36.46 µm
D(3,2):	7.360 µm	Variance:	1329 μm^2
Mean/Median Ratio:	1.562	C.V.:	103%
Mode:	66.44 µm	Skewness:	1.435 Right skewed
d_{10}:	2.422 µm	Kurtosis:	1.941 Leptokurtic
d_{50}:	22.74 µm		
d_{90}:	85.95 µm		
Specific Surf. Area	8152 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.422	6.554	22.74	55.29	85.95

119.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.44	500.0	100
5.000	20.6	1000	100
10.00	32.3	2000	100
15.00	39.9		
20.00	46.7		
25.00	52.5		
50.00	71.9		
60.00	77.8		
63.00	79.6		
70.00	83.4		
75.00	85.8		
90.00	91.2		
125.0	96.7		
200.0	99.9		
250.0	100.0		
400.0	100		

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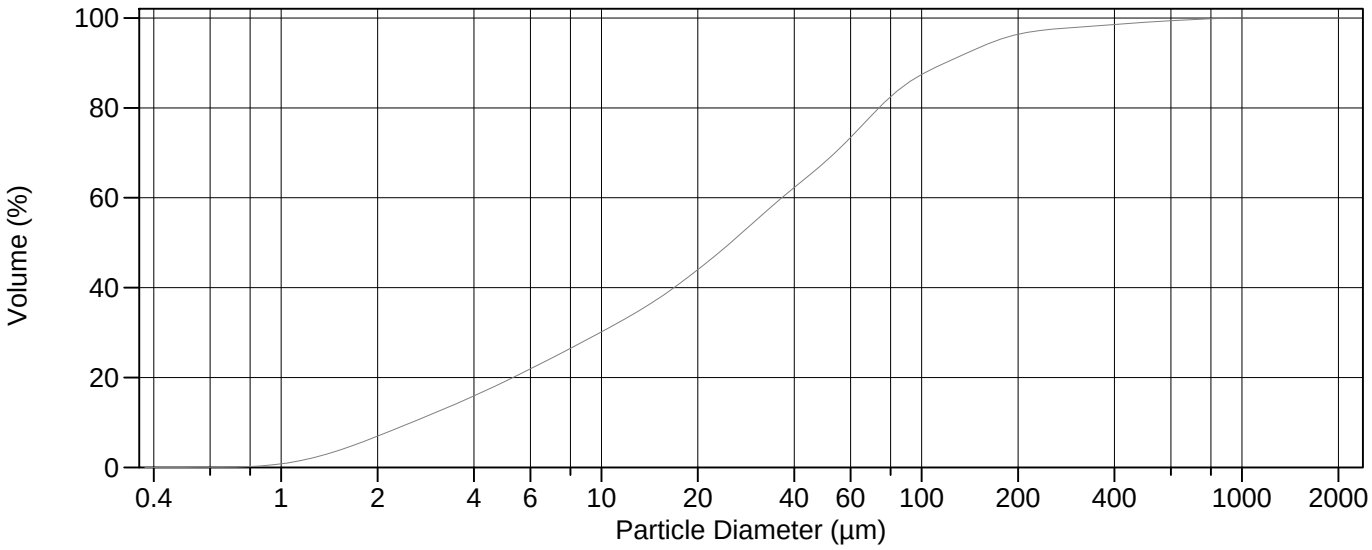

Volume Statistics (Arithmetic) 120.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	51.78 µm	95% Conf. Limits:	0-221.9 µm
Median:	25.31 µm	S.D.:	86.79 µm
D(3,2):	7.838 µm	Variance:	7532 μm^2
Mean/Median Ratio:	2.046	C.V.:	168%
Mode:	66.44 µm	Skewness:	4.885 Right skewed
d_{10}:	2.555 µm	Kurtosis:	32.27 Leptokurtic
d_{50}:	25.31 µm		
d_{90}:	118.4 µm		
Specific Surf. Area	7655 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.555	7.297	25.31	63.01	118.4

120.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.96	500.0	99.0
5.000	19.1	1000	100.0
10.00	30.1	2000	100
15.00	37.5		
20.00	44.0		
25.00	49.7		
50.00	68.0		
60.00	73.4		
63.00	75.0		
70.00	78.5		
75.00	80.6		
90.00	85.4		
125.0	90.8		
200.0	96.4		
250.0	97.4		
400.0	98.5		

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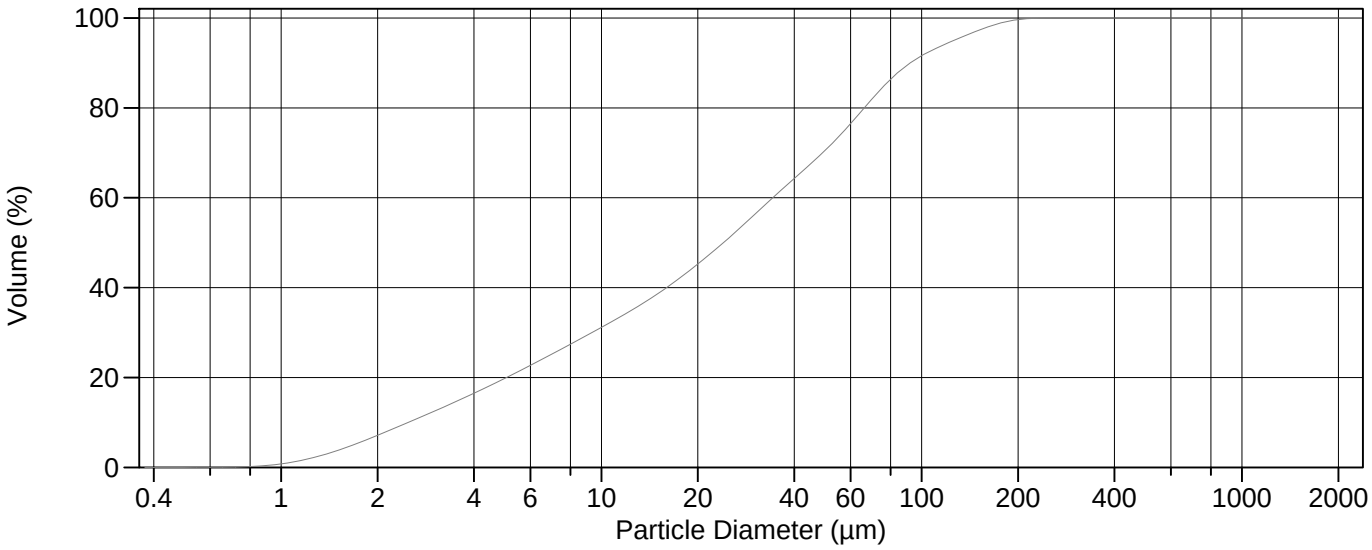

Volume Statistics (Arithmetic) 121#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	38.22 µm	95% Conf. Limits:	0-118.0 µm
Median:	24.04 µm	S.D.:	40.68 µm
D(3,2):	7.602 µm	Variance:	1655 μm^2
Mean/Median Ratio:	1.590	C.V.:	106%
Mode:	66.44 µm	Skewness:	1.617 Right skewed
d_{10}:	2.492 µm	Kurtosis:	2.687 Leptokurtic
d_{50}:	24.04 µm		
d_{90}:	91.96 µm		
Specific Surf. Area	7893 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.492	6.917	24.04	57.46	91.96

121#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.16	500.0	100
5.000	19.8	1000	100
10.00	31.2	2000	100
15.00	38.6		
20.00	45.3		
25.00	51.1		
50.00	70.6		
60.00	76.5		
63.00	78.2		
70.00	82.0		
75.00	84.3		
90.00	89.5		
125.0	94.9		
200.0	99.6		
250.0	100.0		
400.0	100		

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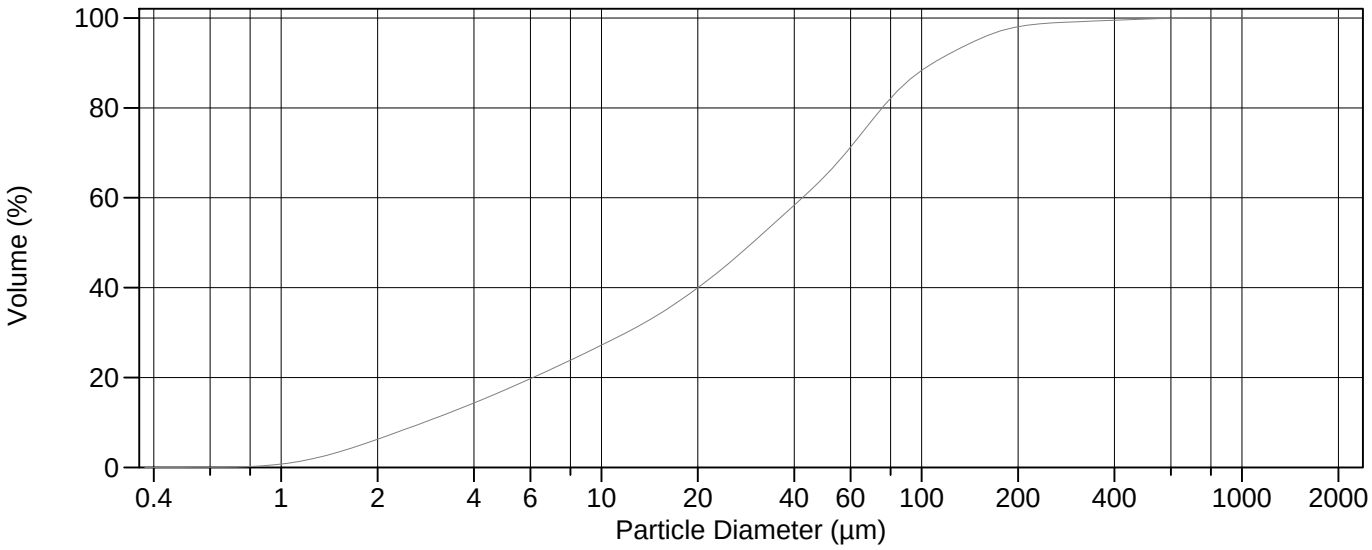

Volume Statistics (Arithmetic) 122.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	47.38 µm	95% Conf. Limits:	0-162.9 µm
Median:	29.66 µm	S.D.:	58.95 µm
D(3,2):	8.531 µm	Variance:	3475 μm^2
Mean/Median Ratio:	1.598	C.V.:	124%
Mode:	66.44 µm	Skewness:	3.653 Right skewed
d_{10}:	2.788 µm	Kurtosis:	22.54 Leptokurtic
d_{50}:	29.66 µm		
d_{90}:	108.6 µm		
Specific Surf. Area	7033 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.788	8.648	29.66	66.12	108.6

122.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.27	500.0	99.8
5.000	17.2	1000	100
10.00	27.2	2000	100
15.00	33.9		
20.00	40.0		
25.00	45.4		
50.00	64.9		
60.00	71.2		
63.00	73.1		
70.00	77.3		
75.00	79.9		
90.00	85.8		
125.0	92.4		
200.0	98.1		
250.0	98.9		
400.0	99.5		

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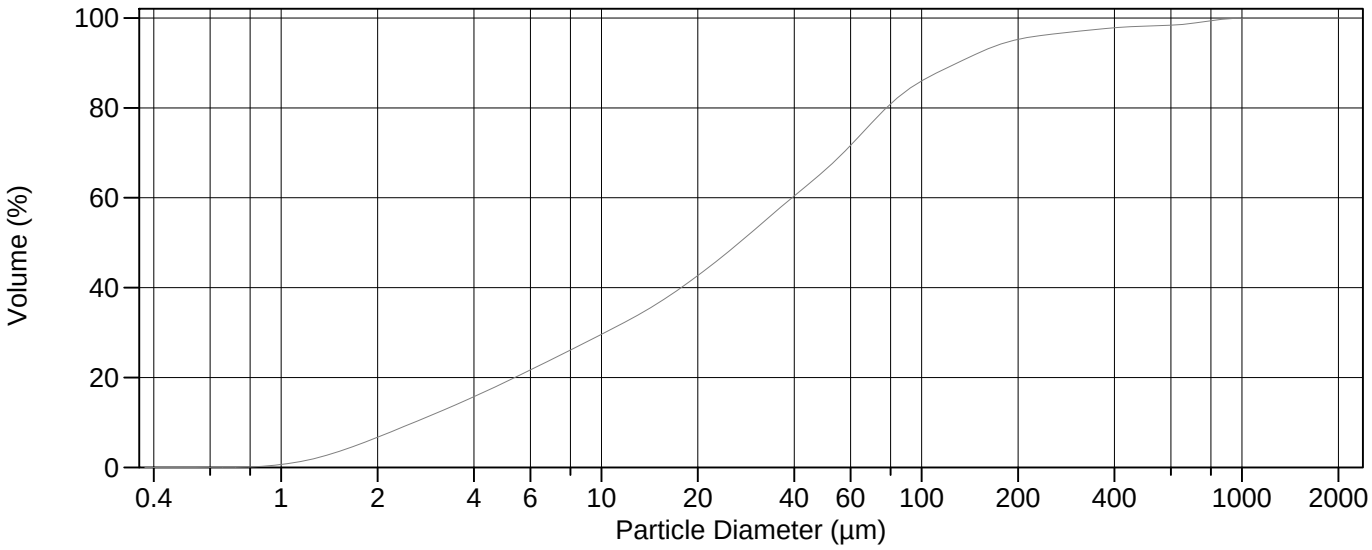

Volume Statistics (Arithmetic) 123.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	59.89 µm	95% Conf. Limits:	0-280.3 µm
Median:	26.94 µm	S.D.:	112.4 µm
D(3,2):	8.071 µm	Variance:	12643 µm^2
Mean/Median Ratio:	2.223	C.V.:	188%
Mode:	66.44 µm	Skewness:	4.826 Right skewed
d_{10}:	2.599 µm	Kurtosis:	27.54 Leptokurtic
d_{50}:	26.94 µm		
d_{90}:	129.1 µm		
Specific Surf. Area	7434 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.599	7.443	26.94	66.45	129.1

123.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.71	500.0	98.2
5.000	18.9	1000	100.0
10.00	29.6	2000	100
15.00	36.5		
20.00	42.7		
25.00	48.1		
50.00	66.2		
60.00	71.6		
63.00	73.3		
70.00	76.8		
75.00	79.0		
90.00	83.9		
125.0	89.5		
200.0	95.2		
250.0	96.3		
400.0	97.8		

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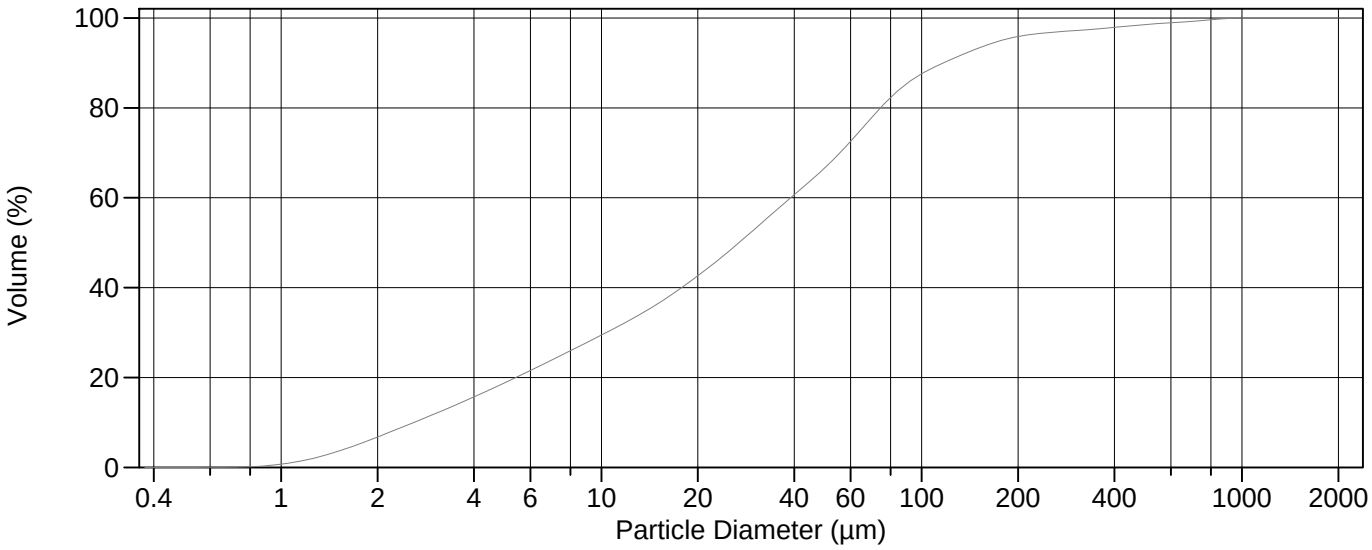


Volume Statistics (Arithmetic) 124.$02

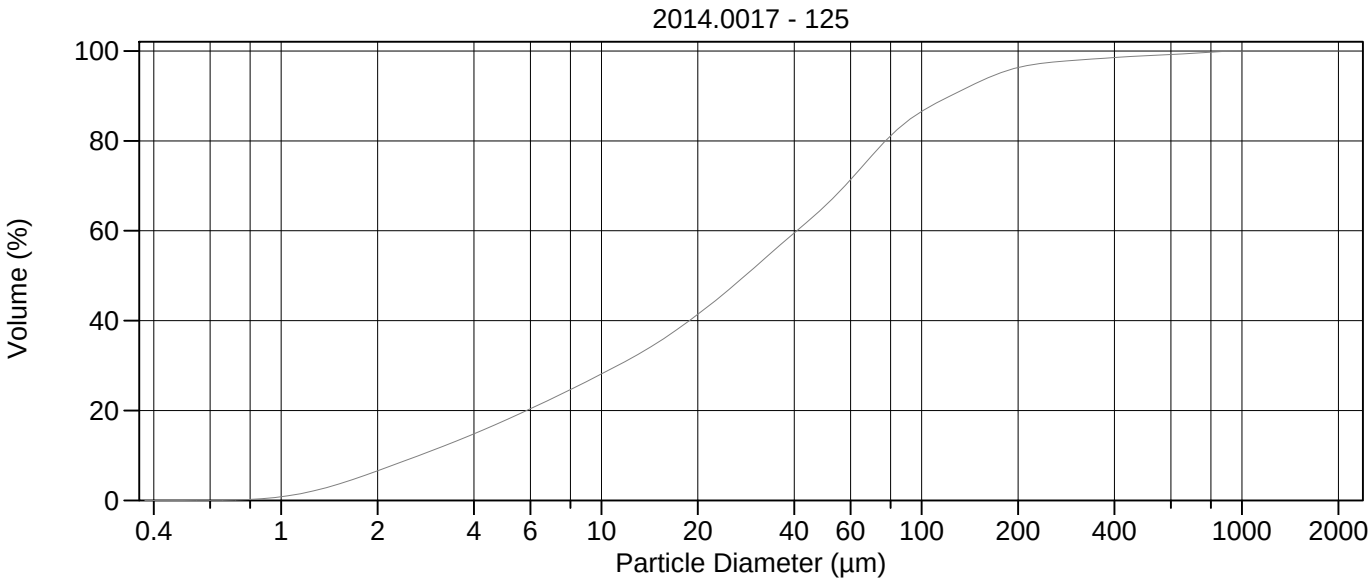
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	55.93 µm	95% Conf. Limits:	0-254.6 µm
Median:	26.88 µm	S.D.:	101.4 µm
D(3,2):	8.030 µm	Variance:	10277 μm^2
Mean/Median Ratio:	2.080	C.V.:	181%
Mode:	66.44 µm	Skewness:	4.945 Right skewed
d_{10}:	2.597 µm	Kurtosis:	30.10 Leptokurtic
d_{50}:	26.88 µm		
d_{90}:	116.9 µm		
Specific Surf. Area	7472 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.597	7.518	26.88	64.38	116.9

124.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.77	500.0	98.5
5.000	18.8	1000	100.0
10.00	29.4	2000	100
15.00	36.4		
20.00	42.6		
25.00	48.1		
50.00	66.7		
60.00	72.5		
63.00	74.2		
70.00	78.0		
75.00	80.3		
90.00	85.4		
125.0	90.9		
200.0	95.9		
250.0	96.8		
400.0	97.9		



Volume Statistics (Arithmetic) 125.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	54.61 µm	95% Conf. Limits:	0-232.1 µm
Median:	28.11 µm	S.D.:	90.56 µm
D(3,2):	8.267 µm	Variance:	8201 μm^2
Mean/Median Ratio:	1.943	C.V.:	166%
Mode:	66.44 µm	Skewness:	5.041 Right skewed
d_{10}:	2.696 µm	Kurtosis:	33.94 Leptokurtic
d_{50}:	28.11 µm		
d_{90}:	122.9 µm		
Specific Surf. Area	7258 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.696	8.180	28.11	66.61	122.9

125.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.58	500.0	98.9
5.000	17.8	1000	100.0
10.00	28.1	2000	100
15.00	35.1		
20.00	41.4		
25.00	46.9		
50.00	65.6		
60.00	71.4		
63.00	73.1		
70.00	76.8		
75.00	79.1		
90.00	84.3		
125.0	90.3		
200.0	96.3		
250.0	97.4		
400.0	98.5		

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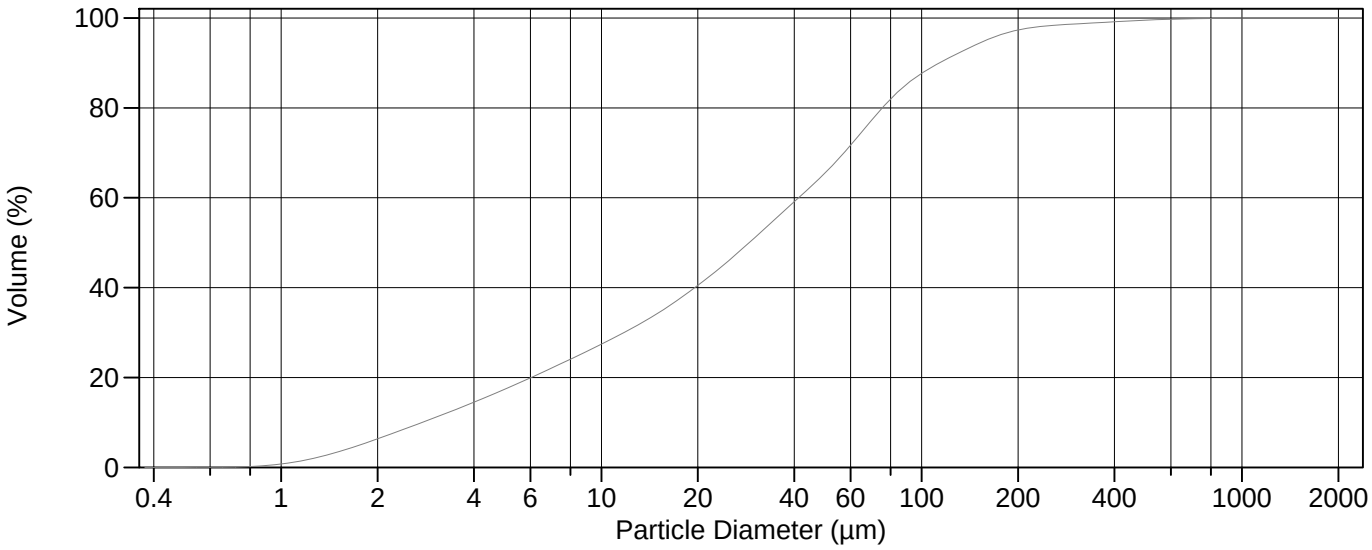

Volume Statistics (Arithmetic) 126.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	49.90 µm	95% Conf. Limits:	0-190.2 µm
Median:	28.94 µm	S.D.:	71.57 µm
D(3,2):	8.439 µm	Variance:	5122 µm^2
Mean/Median Ratio:	1.724	C.V.:	143%
Mode:	66.44 µm	Skewness:	4.822 Right skewed
d_{10}:	2.756 µm	Kurtosis:	36.84 Leptokurtic
d_{50}:	28.94 µm		
d_{90}:	113.6 µm		
Specific Surf. Area	7109 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.756	8.527	28.94	65.69	113.6

126.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.36	500.0	99.5
5.000	17.4	1000	100.0
10.00	27.4	2000	100
15.00	34.3		
20.00	40.5		
25.00	46.0		
50.00	65.6		
60.00	71.7		
63.00	73.5		
70.00	77.4		
75.00	79.8		
90.00	85.3		
125.0	91.5		
200.0	97.3		
250.0	98.3		
400.0	99.2		

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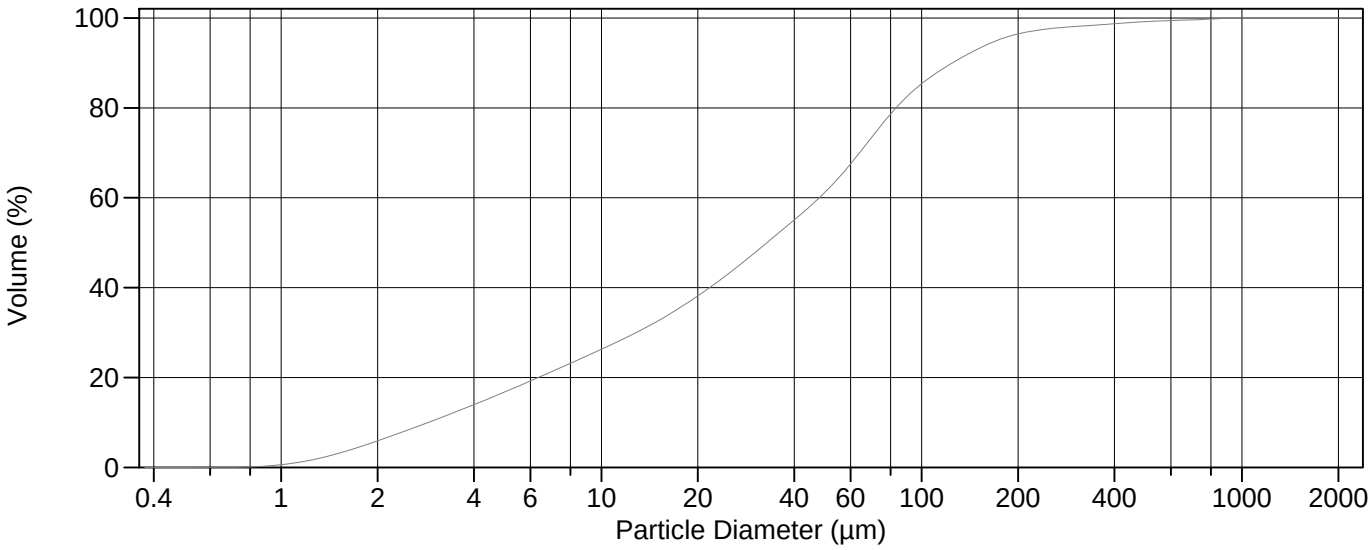

Volume Statistics (Arithmetic) 127.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	56.67 µm	95% Conf. Limits:	0-224.0 µm
Median:	32.86 µm	S.D.:	85.38 µm
D(3,2):	8.924 µm	Variance:	7290 μm^2
Mean/Median Ratio:	1.724	C.V.:	151%
Mode:	66.44 µm	Skewness:	4.959 Right skewed
d_{10}:	2.877 µm	Kurtosis:	35.40 Leptokurtic
d_{50}:	32.86 µm		
d_{90}:	124.8 µm		
Specific Surf. Area	6723 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.877	9.135	32.86	72.67	124.8

127.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.92	500.0	99.2
5.000	16.8	1000	100.0
10.00	26.3	2000	100
15.00	32.6		
20.00	38.2		
25.00	43.2		
50.00	61.3		
60.00	67.5		
63.00	69.4		
70.00	73.6		
75.00	76.2		
90.00	82.5		
125.0	90.0		
200.0	96.5		
250.0	97.6		
400.0	98.7		

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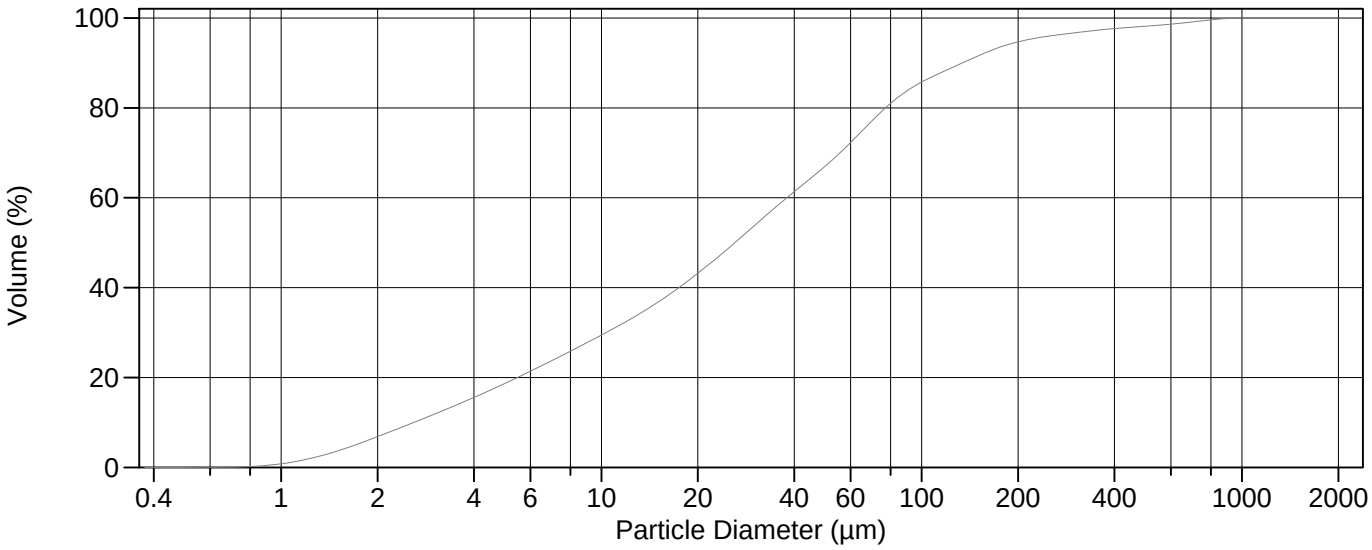

Volume Statistics (Arithmetic) 128.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	59.92 µm	95% Conf. Limits:	0-275.1 µm
Median:	26.11 µm	S.D.:	109.8 µm
D(3,2):	7.983 µm	Variance:	12053 μm^2
Mean/Median Ratio:	2.295	C.V.:	183%
Mode:	66.44 µm	Skewness:	4.511 Right skewed
d_{10}:	2.593 µm	Kurtosis:	24.45 Leptokurtic
d_{50}:	26.11 µm		
d_{90}:	134.0 µm		
Specific Surf. Area	7516 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.593	7.585	26.11	65.45	134.0

128.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.85	500.0	98.2
5.000	18.7	1000	100.0
10.00	29.4	2000	100
15.00	36.7		
20.00	43.2		
25.00	48.9		
50.00	67.0		
60.00	72.3		
63.00	73.8		
70.00	77.1		
75.00	79.2		
90.00	83.8		
125.0	89.0		
200.0	94.7		
250.0	96.0		
400.0	97.6		

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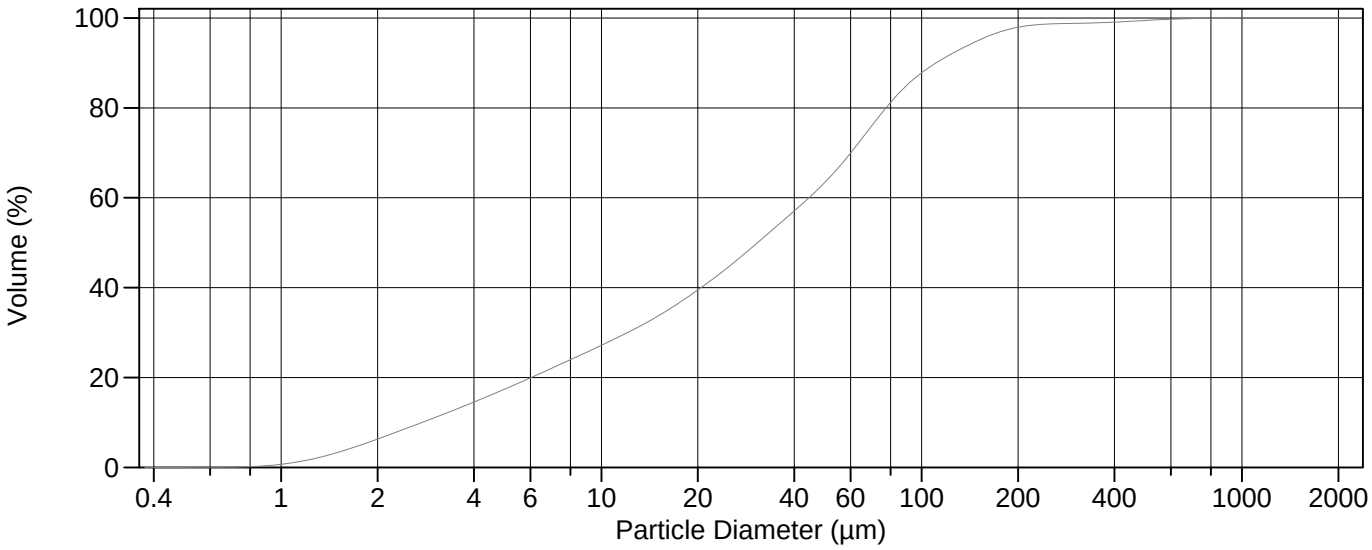

Volume Statistics (Arithmetic) 129#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	50.00 µm	95% Conf. Limits:	0-186.0 µm
Median:	30.75 µm	S.D.:	69.39 µm
D(3,2):	8.546 µm	Variance:	4814 μm^2
Mean/Median Ratio:	1.626	C.V.:	139%
Mode:	66.44 µm	Skewness:	4.891 Right skewed
d_{10}:	2.755 µm	Kurtosis:	37.45 Leptokurtic
d_{50}:	30.75 µm		
d_{90}:	110.7 µm		
Specific Surf. Area	7021 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.755	8.614	30.75	68.12	110.7

129#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.31	500.0	99.5
5.000	17.4	1000	100.0
10.00	27.2	2000	100
15.00	33.6		
20.00	39.5		
25.00	44.7		
50.00	63.5		
60.00	69.9		
63.00	71.9		
70.00	76.1		
75.00	78.8		
90.00	85.1		
125.0	92.2		
200.0	97.9		
250.0	98.7		
400.0	99.1		

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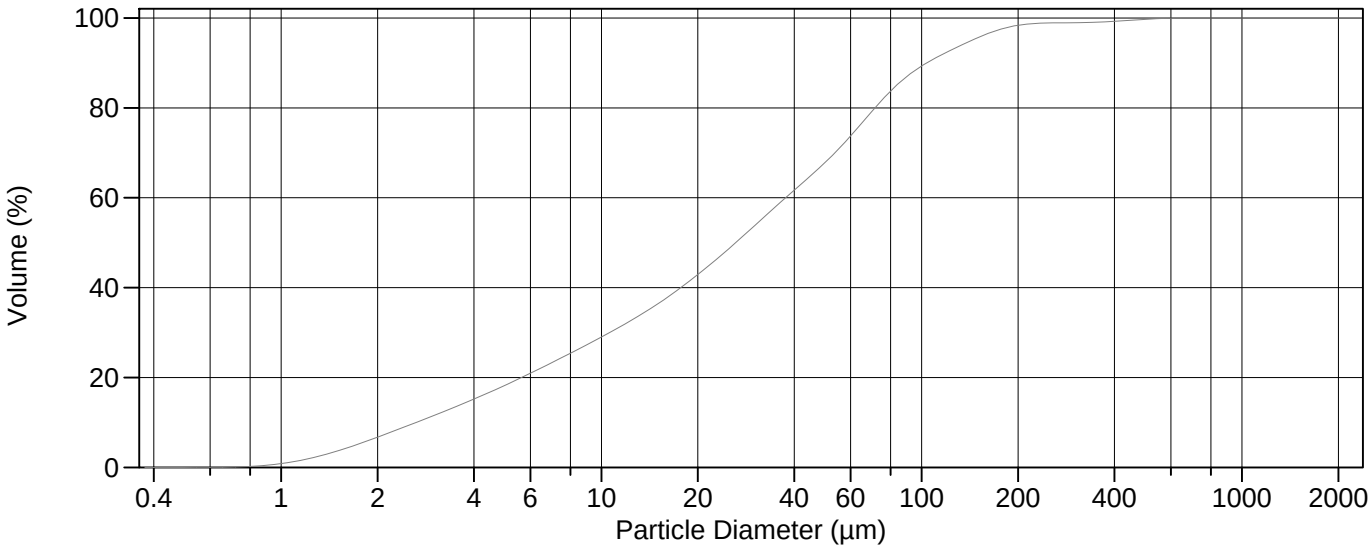

Volume Statistics (Arithmetic) 130.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	44.97 µm	95% Conf. Limits:	0-163.2 µm
Median:	26.27 µm	S.D.:	60.31 µm
D(3,2):	8.030 µm	Variance:	3638 μm^2
Mean/Median Ratio:	1.712	C.V.:	134%
Mode:	66.44 µm	Skewness:	4.071 Right skewed
d_{10}:	2.640 µm	Kurtosis:	25.58 Leptokurtic
d_{50}:	26.27 µm		
d_{90}:	103.7 µm		
Specific Surf. Area	7472 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.640	7.810	26.27	62.16	103.7

130.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.74	500.0	99.7
5.000	18.3	1000	100
10.00	29.0	2000	100
15.00	36.4		
20.00	42.9		
25.00	48.7		
50.00	67.9		
60.00	73.7		
63.00	75.5		
70.00	79.3		
75.00	81.7		
90.00	87.0		
125.0	93.0		
200.0	98.4		
250.0	98.9		
400.0	99.3		

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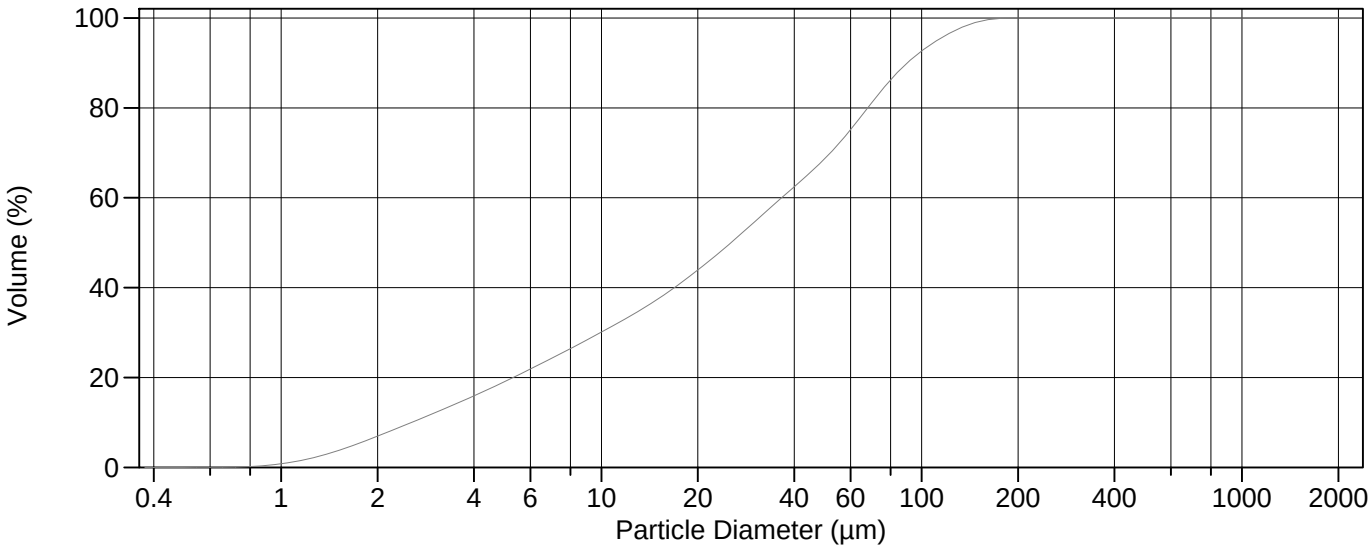

Volume Statistics (Arithmetic) 131.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	37.58 µm	95% Conf. Limits:	0-108.7 µm
Median:	25.39 µm	S.D.:	36.28 µm
D(3,2):	7.801 µm	Variance:	1316 μm^2
Mean/Median Ratio:	1.480	C.V.:	96.5%
Mode:	66.44 µm	Skewness:	1.159 Right skewed
d_{10}:	2.554 µm	Kurtosis:	0.811 Leptokurtic
d_{50}:	25.39 µm		
d_{90}:	90.18 µm		
Specific Surf. Area	7692 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.554	7.315	25.39	59.77	90.18

131.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.97	500.0	100
5.000	19.1	1000	100
10.00	30.1	2000	100
15.00	37.4		
20.00	43.9		
25.00	49.6		
50.00	68.8		
60.00	75.1		
63.00	77.1		
70.00	81.2		
75.00	83.9		
90.00	89.9		
125.0	97.0		
200.0	100.0		
250.0	100		
400.0	100		

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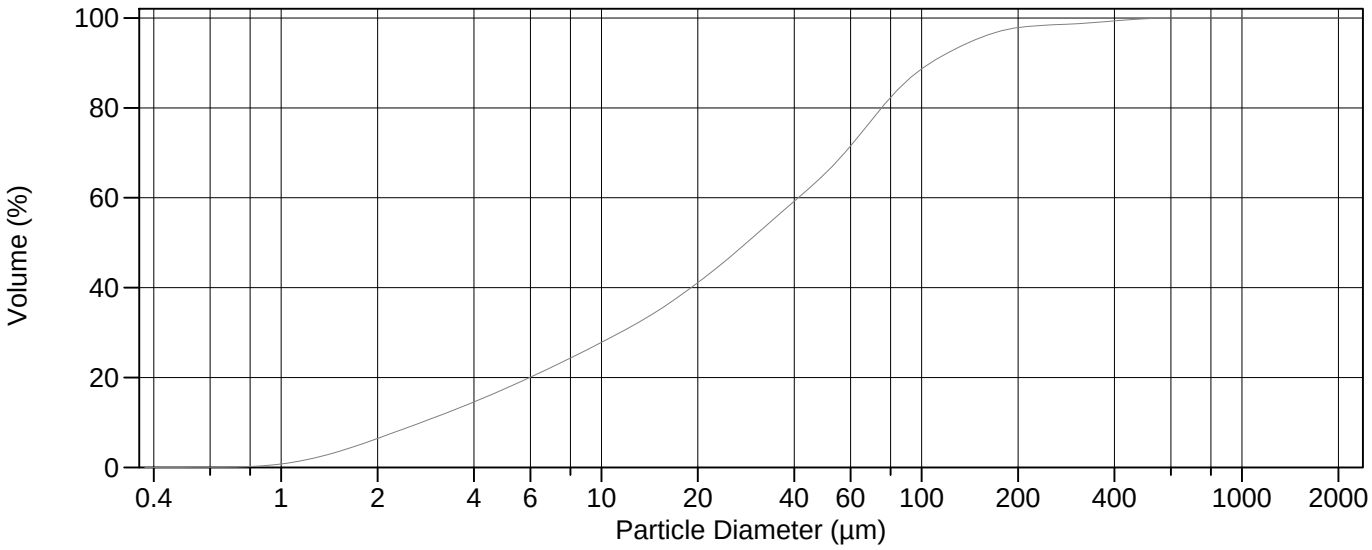

Volume Statistics (Arithmetic) 132.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	47.29 µm	95% Conf. Limits:	0-166.6 µm
Median:	28.44 µm	S.D.:	60.86 µm
D(3,2):	8.365 µm	Variance:	3704 μm^2
Mean/Median Ratio:	1.662	C.V.:	129%
Mode:	66.44 µm	Skewness:	3.536 Right skewed
d_{10}:	2.738 µm	Kurtosis:	18.69 Leptokurtic
d_{50}:	28.44 µm		
d_{90}:	106.6 µm		
Specific Surf. Area	7173 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.738	8.359	28.44	65.81	106.6

132.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.45	500.0	99.8
5.000	17.5	1000	100
10.00	27.8	2000	100
15.00	34.8		
20.00	41.1		
25.00	46.6		
50.00	65.4		
60.00	71.5		
63.00	73.3		
70.00	77.4		
75.00	80.0		
90.00	86.0		
125.0	92.8		
200.0	97.9		
250.0	98.4		
400.0	99.4		

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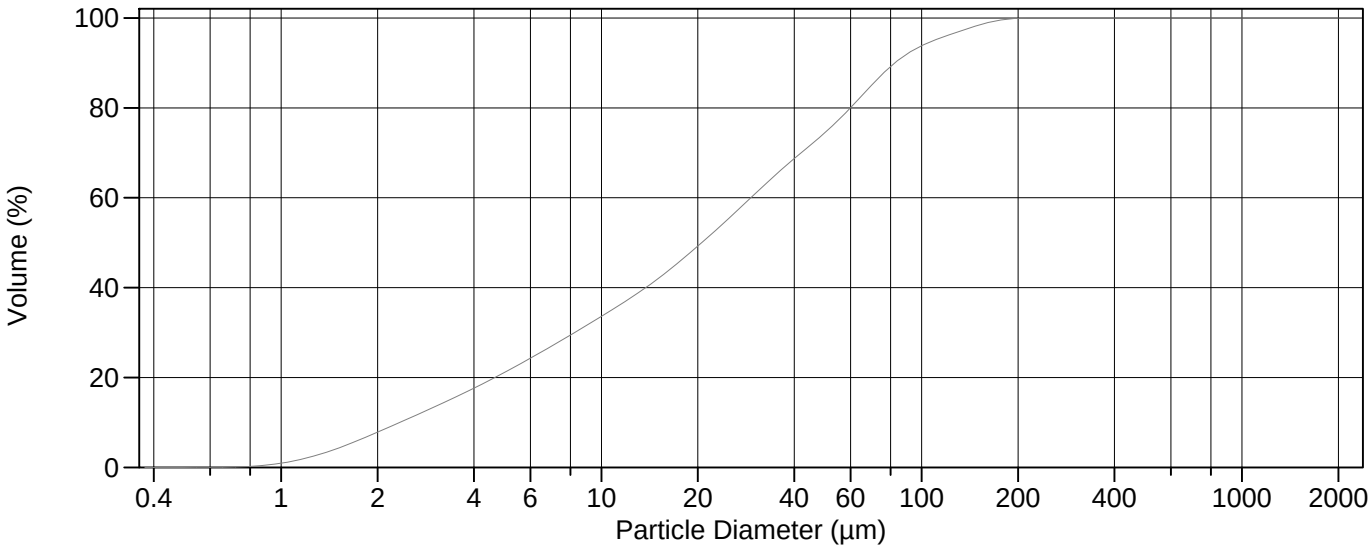

Volume Statistics (Arithmetic) 133.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	33.73 µm	95% Conf. Limits:	0-104.9 µm
Median:	20.56 µm	S.D.:	36.30 µm
D(3,2):	7.058 µm	Variance:	1317 μm^2
Mean/Median Ratio:	1.640	C.V.:	108%
Mode:	66.44 µm	Skewness:	1.647 Right skewed
d_{10}:	2.345 µm	Kurtosis:	2.814 Leptokurtic
d_{50}:	20.56 µm		
d_{90}:	82.45 µm		
Specific Surf. Area	8501 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.345	6.245	20.56	50.83	82.45

133.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.85	500.0	100
5.000	21.2	1000	100
10.00	33.6	2000	100
15.00	41.9		
20.00	49.2		
25.00	55.4		
50.00	74.5		
60.00	80.0		
63.00	81.6		
70.00	85.2		
75.00	87.3		
90.00	92.0		
125.0	96.5		
200.0	99.9		
250.0	100.0		
400.0	100		

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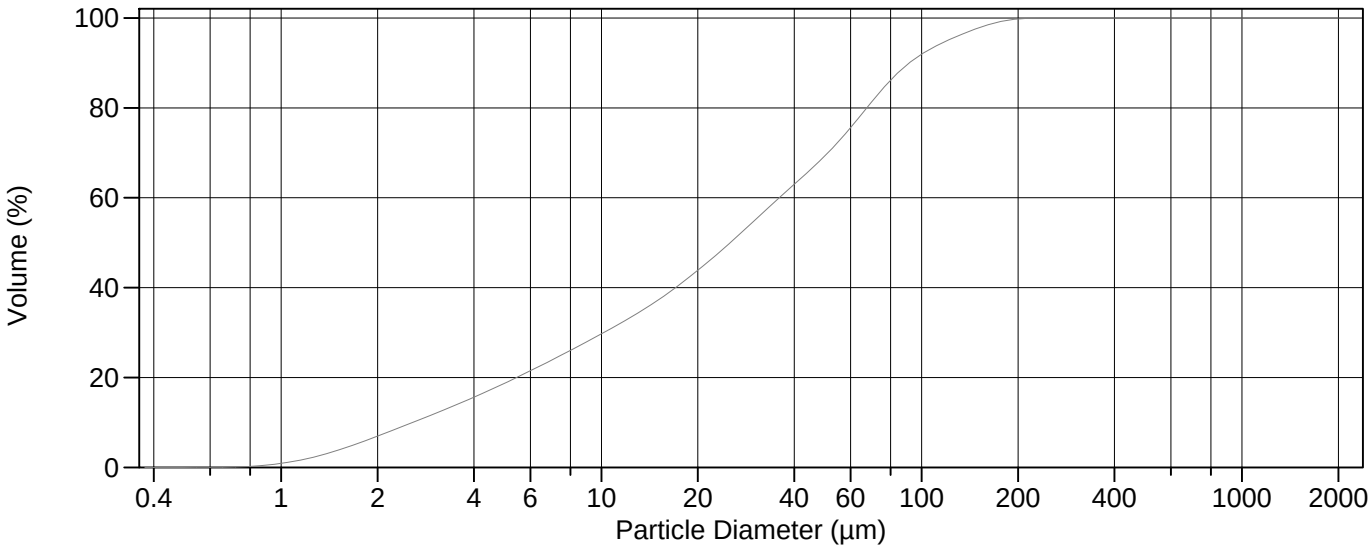

Volume Statistics (Arithmetic) 134.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	38.57 µm	95% Conf. Limits:	0-115.6 µm
Median:	25.24 µm	S.D.:	39.32 µm
D(3,2):	7.815 µm	Variance:	1546 μm^2
Mean/Median Ratio:	1.528	C.V.:	102%
Mode:	66.44 µm	Skewness:	1.486 Right skewed
d_{10}:	2.576 µm	Kurtosis:	2.226 Leptokurtic
d_{50}:	25.24 µm		
d_{90}:	91.45 µm		
Specific Surf. Area	7677 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.576	7.506	25.24	59.03	91.45

134.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.97	500.0	100
5.000	18.8	1000	100
10.00	29.7	2000	100
15.00	37.2		
20.00	43.9		
25.00	49.7		
50.00	69.4		
60.00	75.6		
63.00	77.4		
70.00	81.4		
75.00	84.0		
90.00	89.6		
125.0	95.5		
200.0	99.8		
250.0	100.0		
400.0	100		

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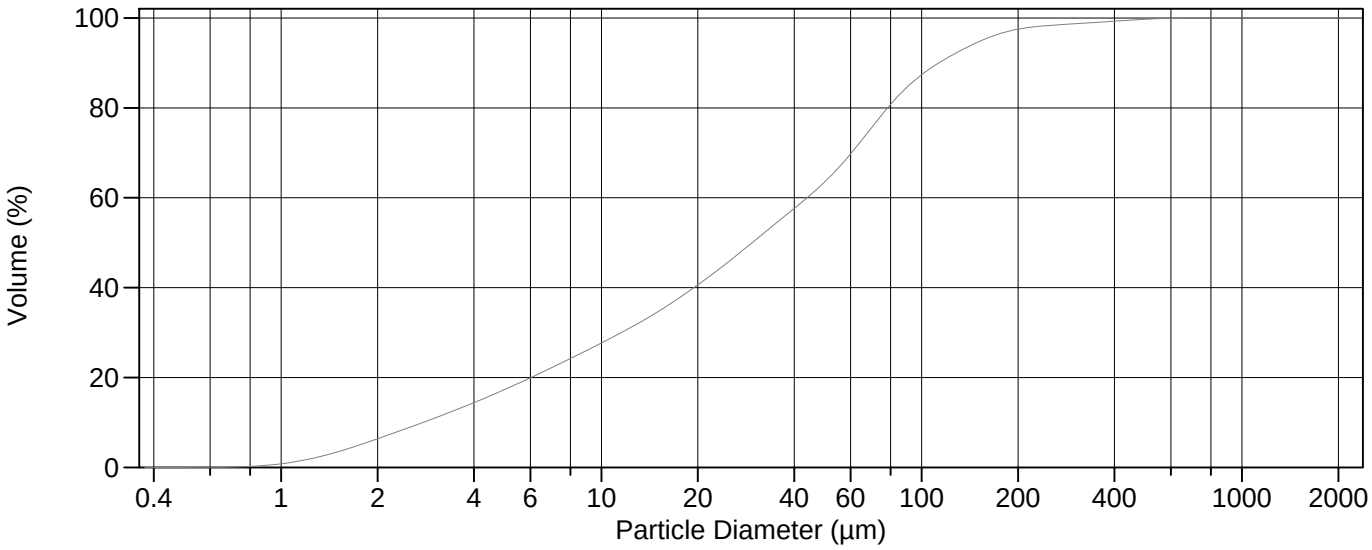

Volume Statistics (Arithmetic) 135.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	49.65 µm	95% Conf. Limits:	0-175.8 µm
Median:	29.58 µm	S.D.:	64.36 µm
D(3,2):	8.442 µm	Variance:	4143 μm^2
Mean/Median Ratio:	1.679	C.V.:	130%
Mode:	66.44 µm	Skewness:	3.599 Right skewed
d_{10}:	2.772 µm	Kurtosis:	19.90 Leptokurtic
d_{50}:	29.58 µm		
d_{90}:	113.2 µm		
Specific Surf. Area	7107 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.772	8.421	29.58	68.69	113.2

135.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.37	500.0	99.7
5.000	17.4	1000	100
10.00	27.7	2000	100
15.00	34.6		
20.00	40.6		
25.00	45.8		
50.00	63.6		
60.00	69.7		
63.00	71.6		
70.00	75.8		
75.00	78.4		
90.00	84.6		
125.0	91.8		
200.0	97.5		
250.0	98.3		
400.0	99.3		

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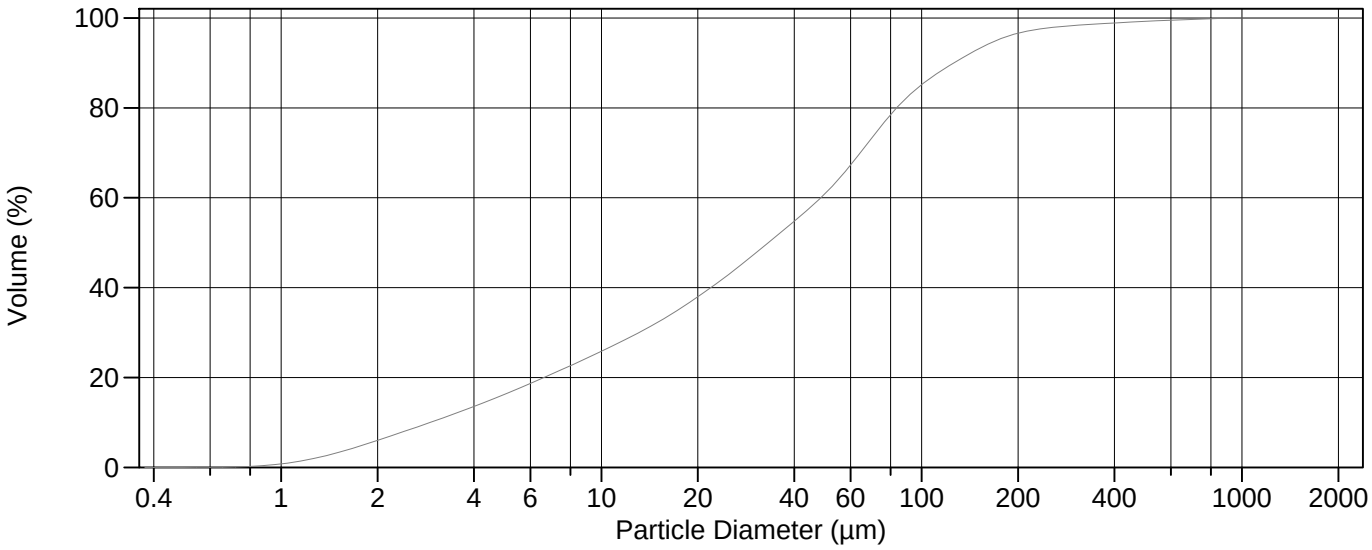


Volume Statistics (Arithmetic) 136.$02

Calculations from 0.375 µm to 2000 µm

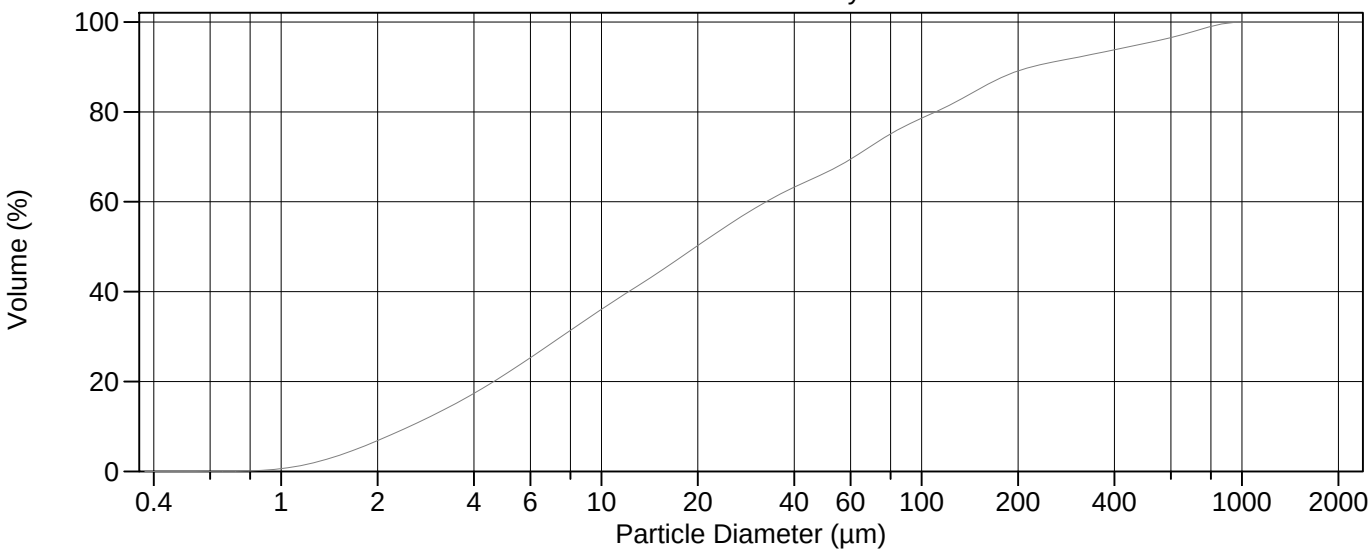
Volume	100.0%		
Mean:	56.14 µm	95% Conf. Limits:	0-215.4 µm
Median:	33.18 µm	S.D.:	81.24 µm
D(3,2):	8.912 µm	Variance:	6600 µm^2
Mean/Median Ratio:	1.692	C.V.:	145%
Mode:	66.44 µm	Skewness:	4.785 Right skewed
d_{10}:	2.918 µm	Kurtosis:	34.19 Leptokurtic
d_{50}:	33.18 µm		
d_{90}:	126.1 µm		
Specific Surf. Area	6732 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.918	9.444	33.18	73.00	126.1

136.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.02	500.0	99.3
5.000	16.3	1000	100.0
10.00	25.8	2000	100
15.00	32.3		
20.00	38.0		
25.00	43.0		
50.00	61.0		
60.00	67.3		
63.00	69.2		
70.00	73.4		
75.00	76.1		
90.00	82.3		
125.0	89.8		
200.0	96.6		
250.0	97.8		
400.0	98.9		

2014.0017 - stand. Hynne



Volume Statistics (Arithmetic) 137.$02

Calculations from 0.375 µm to 2000 µm

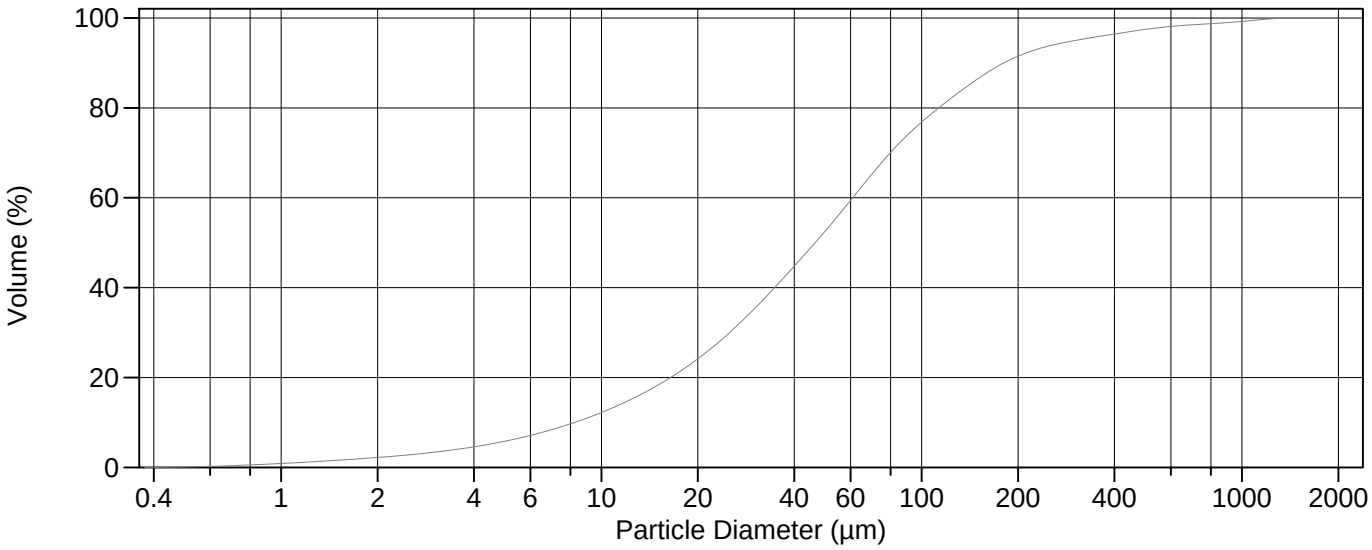
Volume	100.0%		
Mean:	85.14 µm	95% Conf. Limits:	0-402.1 µm
Median:	19.77 µm	S.D.:	161.7 µm
D(3,2):	7.395 µm	Variance:	26156 μm^2
Mean/Median Ratio:	4.306	C.V.:	190%
Mode:	18.00 µm	Skewness:	3.055 Right skewed
d_{10}:	2.517 µm	Kurtosis:	9.514 Leptokurtic
d_{50}:	19.77 µm		
d_{90}:	220.5 µm		
Specific Surf. Area	8114 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.517	5.920	19.77	79.66	220.5

137.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.86	500.0	95.3
5.000	21.6	1000	100.0
10.00	36.1	2000	100
15.00	44.2		
20.00	50.2		
25.00	54.9		
50.00	66.4		
60.00	69.5		
63.00	70.4		
70.00	72.5		
75.00	73.9		
90.00	77.1		
125.0	81.9		
200.0	89.1		
250.0	90.9		
400.0	93.8		

2014.0017 - stand. MINN



Volume Statistics (Arithmetic) 138.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	88.60 µm	95% Conf. Limits:	0-377.9 µm
Median:	46.54 µm	S.D.:	147.6 µm
D(3,2):	15.56 µm	Variance:	21788 µm^2
Mean/Median Ratio:	1.904	C.V.:	167%
Mode:	60.52 µm	Skewness:	4.677 Right skewed
d_{10}:	8.245 µm	Kurtosis:	27.12 Leptokurtic
d_{50}:	46.54 µm		
d_{90}:	180.5 µm		
Specific Surf. Area	3856 cm^2/ml		

% <	10	25	50	75	90
Size µm	8.245	20.73	46.54	93.54	180.5

138.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	2.21	500.0	97.5
5.000	5.83	1000	99.3
10.00	12.2	2000	100
15.00	18.3		
20.00	24.2		
25.00	29.9		
50.00	52.6		
60.00	59.4		
63.00	61.3		
70.00	65.3		
75.00	67.8		
90.00	73.8		
125.0	82.4		
200.0	91.5		
250.0	93.8		
400.0	96.4		

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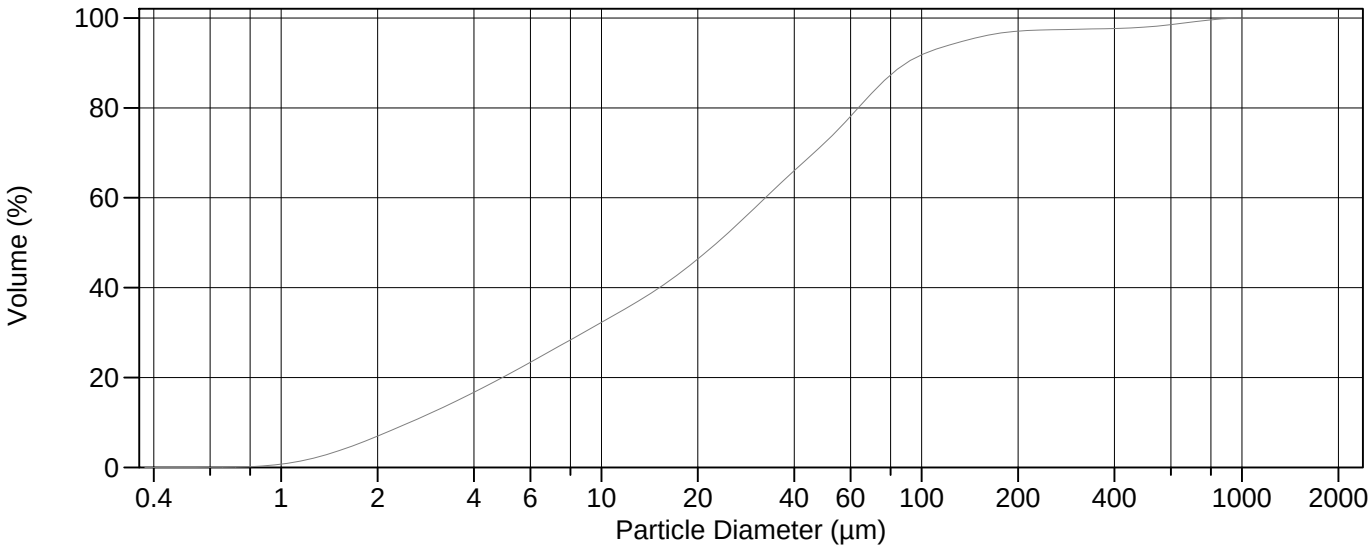

Volume Statistics (Arithmetic) 139.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	49.57 µm	95% Conf. Limits:	0-254.1 µm
Median:	22.98 µm	S.D.:	104.4 µm
D(3,2):	7.551 µm	Variance:	10892 μm^2
Mean/Median Ratio:	2.157	C.V.:	211%
Mode:	66.44 µm	Skewness:	5.480 Right skewed
d_{10}:	2.522 µm	Kurtosis:	33.52 Leptokurtic
d_{50}:	22.98 µm		
d_{90}:	89.76 µm		
Specific Surf. Area	7946 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.522	6.590	22.98	54.57	89.76

139.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.95	500.0	98.0
5.000	20.3	1000	100.0
10.00	32.3	2000	100
15.00	39.7		
20.00	46.4		
25.00	52.3		
50.00	72.3		
60.00	78.1		
63.00	79.8		
70.00	83.3		
75.00	85.5		
90.00	90.1		
125.0	94.2		
200.0	97.1		
250.0	97.4		
400.0	97.7		

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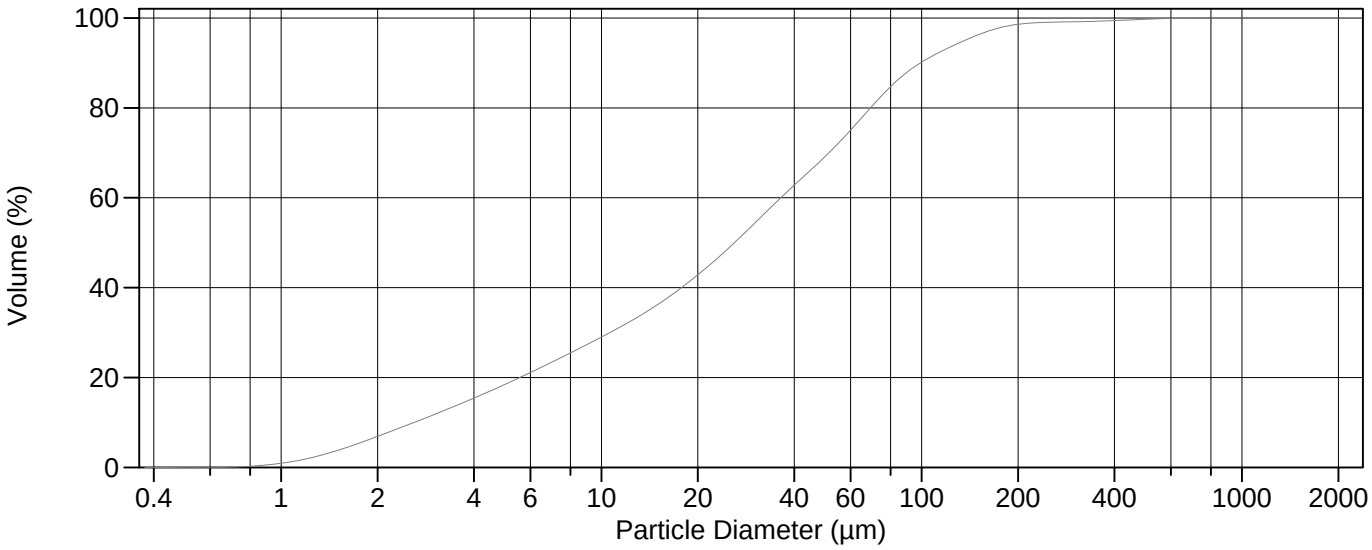

Volume Statistics (Arithmetic) 140.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	43.22 µm	95% Conf. Limits:	0-155.7 µm
Median:	26.02 µm	S.D.:	57.41 µm
D(3,2):	7.922 µm	Variance:	3295 μm^2
Mean/Median Ratio:	1.661	C.V.:	133%
Mode:	66.44 µm	Skewness:	4.329 Right skewed
d_{10}:	2.600 µm	Kurtosis:	30.43 Leptokurtic
d_{50}:	26.02 µm		
d_{90}:	99.10 µm		
Specific Surf. Area	7574 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.600	7.769	26.02	59.97	99.10

140.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.89	500.0	99.7
5.000	18.5	1000	100
10.00	29.0	2000	100
15.00	36.2		
20.00	42.9		
25.00	48.9		
50.00	69.2		
60.00	75.0		
63.00	76.7		
70.00	80.4		
75.00	82.7		
90.00	87.9		
125.0	93.8		
200.0	98.6		
250.0	99.0		
400.0	99.4		

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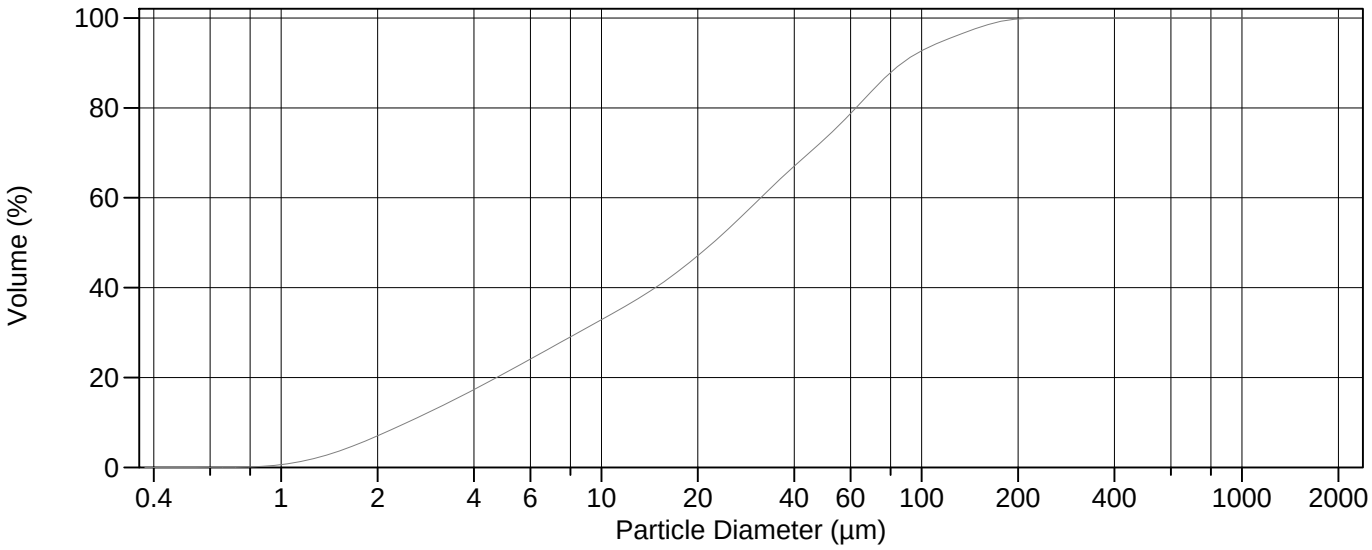

Volume Statistics (Arithmetic) 141.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	35.71 µm	95% Conf. Limits:	0-111.1 µm
Median:	22.31 µm	S.D.:	38.45 µm
D(3,2):	7.439 µm	Variance:	1479 μm^2
Mean/Median Ratio:	1.600	C.V.:	108%
Mode:	66.44 µm	Skewness:	1.659 Right skewed
d_{10}:	2.475 µm	Kurtosis:	2.866 Leptokurtic
d_{50}:	22.31 µm		
d_{90}:	87.09 µm		
Specific Surf. Area	8065 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.475	6.328	22.31	53.24	87.09

141.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.02	500.0	100
5.000	21.0	1000	100
10.00	32.8	2000	100
15.00	40.3		
20.00	47.1		
25.00	53.2		
50.00	73.2		
60.00	78.7		
63.00	80.3		
70.00	83.8		
75.00	86.0		
90.00	90.7		
125.0	95.7		
200.0	99.8		
250.0	100.0		
400.0	100		

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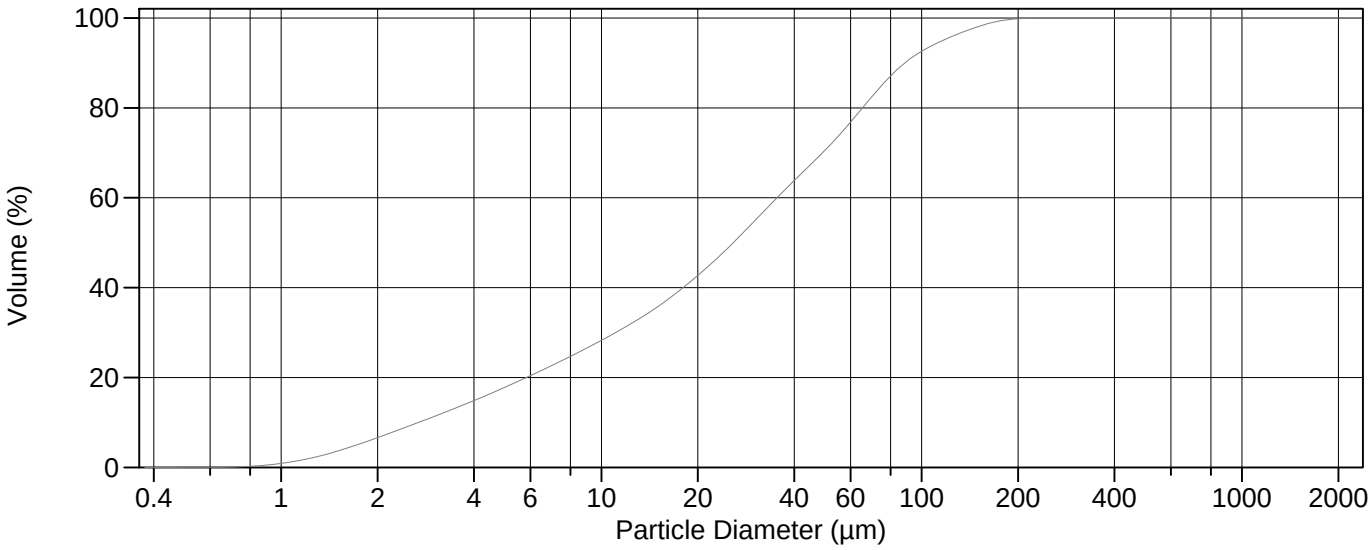

Volume Statistics (Arithmetic) 142#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	37.87 µm	95% Conf. Limits:	0-111.9 µm
Median:	25.82 µm	S.D.:	37.78 µm
D(3,2):	8.078 µm	Variance:	1428 μm^2
Mean/Median Ratio:	1.466	C.V.:	99.8%
Mode:	66.44 µm	Skewness:	1.494 Right skewed
d_{10}:	2.683 µm	Kurtosis:	2.298 Leptokurtic
d_{50}:	25.82 µm		
d_{90}:	88.75 µm		
Specific Surf. Area	7428 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.683	8.155	25.82	57.03	88.75

142#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.63	500.0	100
5.000	17.8	1000	100
10.00	28.3	2000	100
15.00	35.8		
20.00	42.7		
25.00	49.0		
50.00	70.6		
60.00	76.8		
63.00	78.6		
70.00	82.6		
75.00	85.0		
90.00	90.4		
125.0	96.0		
200.0	99.8		
250.0	100.0		
400.0	100		

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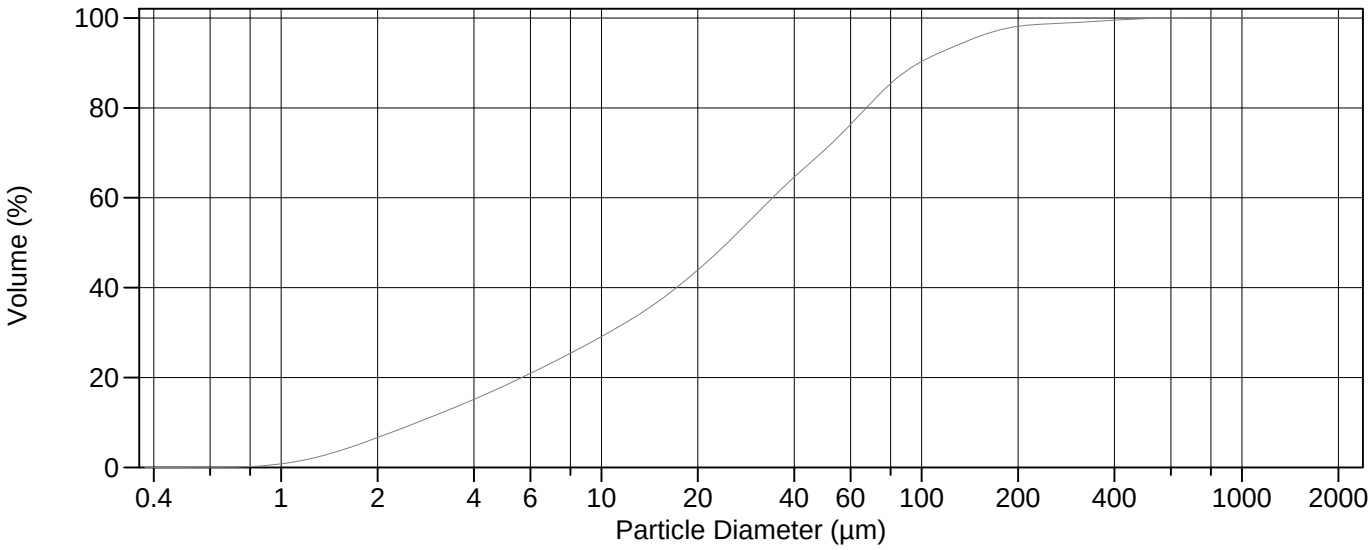

Volume Statistics (Arithmetic) 143.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	42.71 µm	95% Conf. Limits:	0-154.5 µm
Median:	24.78 µm	S.D.:	57.06 µm
D(3,2):	8.012 µm	Variance:	3255 μm^2
Mean/Median Ratio:	1.724	C.V.:	134%
Mode:	66.44 µm	Skewness:	3.783 Right skewed
d_{10}:	2.657 µm	Kurtosis:	21.98 Leptokurtic
d_{50}:	24.78 µm		
d_{90}:	98.21 µm		
Specific Surf. Area	7488 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.657	7.810	24.78	57.60	98.21

143.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.64	500.0	99.9
5.000	18.2	1000	100
10.00	29.1	2000	100
15.00	36.8		
20.00	43.9		
25.00	50.3		
50.00	70.8		
60.00	76.3		
63.00	77.9		
70.00	81.4		
75.00	83.5		
90.00	88.3		
125.0	93.5		
200.0	98.1		
250.0	98.7		
400.0	99.5		

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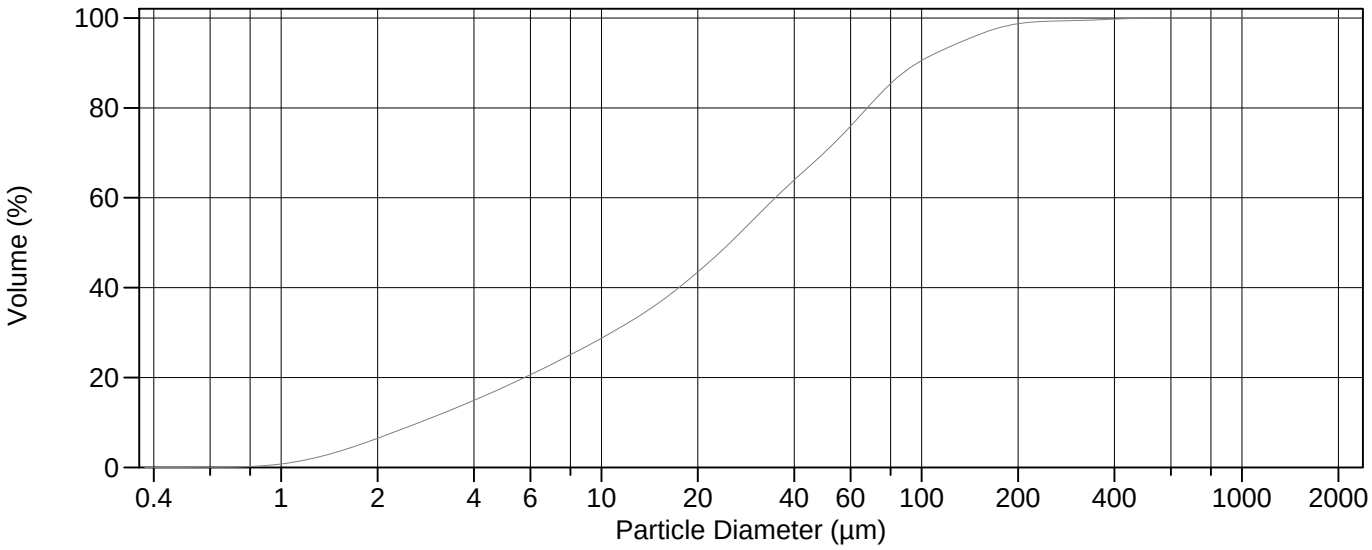

Volume Statistics (Arithmetic) 144.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	41.46 µm	95% Conf. Limits:	0-140.0 µm
Median:	25.21 µm	S.D.:	50.27 µm
D(3,2):	8.121 µm	Variance:	2527 μm^2
Mean/Median Ratio:	1.645	C.V.:	121%
Mode:	66.44 µm	Skewness:	3.153 Right skewed
d_{10}:	2.700 µm	Kurtosis:	16.81 Leptokurtic
d_{50}:	25.21 µm		
d_{90}:	97.12 µm		
Specific Surf. Area	7388 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.700	7.973	25.21	58.37	97.12

144.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.49	500.0	100.0
5.000	18.0	1000	100
10.00	28.7	2000	100
15.00	36.5		
20.00	43.5		
25.00	49.8		
50.00	70.2		
60.00	75.9		
63.00	77.6		
70.00	81.2		
75.00	83.4		
90.00	88.4		
125.0	93.9		
200.0	98.7		
250.0	99.3		
400.0	99.8		

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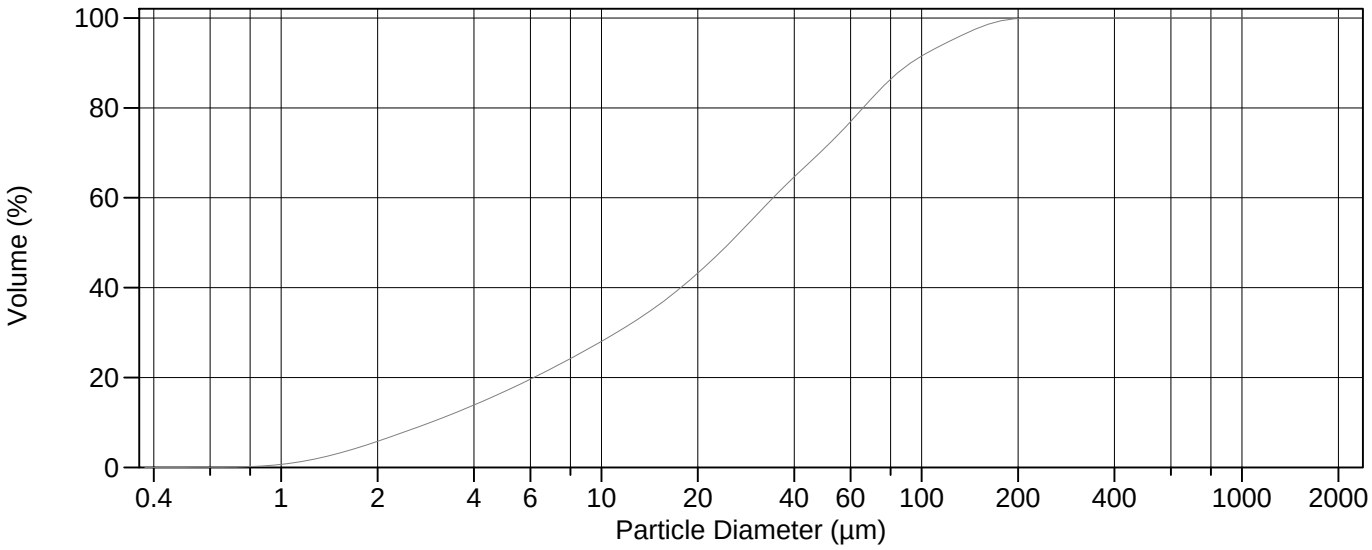

Volume Statistics (Arithmetic) 145#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	38.31 µm	95% Conf. Limits:	0-114.7 µm
Median:	25.18 µm	S.D.:	38.96 µm
D(3,2):	8.496 µm	Variance:	1518 μm^2
Mean/Median Ratio:	1.521	C.V.:	102%
Mode:	66.44 µm	Skewness:	1.514 Right skewed
d_{10}:	2.923 µm	Kurtosis:	2.123 Leptokurtic
d_{50}:	25.18 µm		
d_{90}:	92.25 µm		
Specific Surf. Area	7062 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.923	8.388	25.18	56.58	92.25

145#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.81	500.0	100
5.000	16.9	1000	100
10.00	28.0	2000	100
15.00	36.0		
20.00	43.2		
25.00	49.8		
50.00	71.1		
60.00	76.9		
63.00	78.6		
70.00	82.2		
75.00	84.4		
90.00	89.4		
125.0	95.2		
200.0	99.9		
250.0	100.0		
400.0	100		

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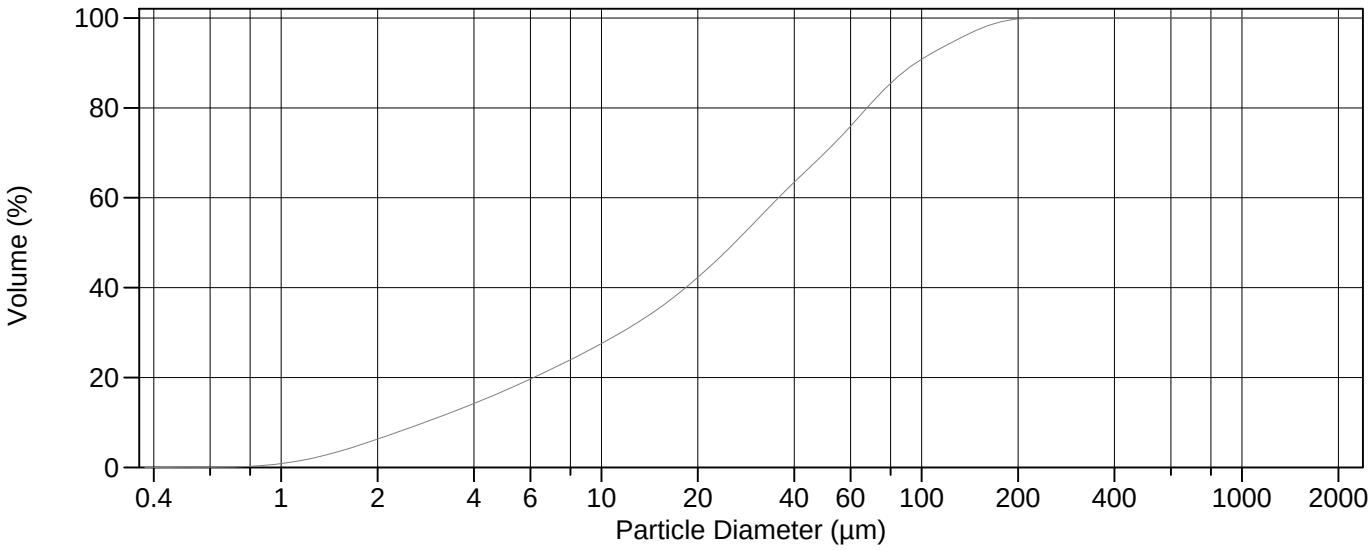

Volume Statistics (Arithmetic) 146.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	39.57 µm	95% Conf. Limits:	0-118.5 µm
Median:	26.09 µm	S.D.:	40.29 µm
D(3,2):	8.317 µm	Variance:	1623 μm^2
Mean/Median Ratio:	1.516	C.V.:	102%
Mode:	66.44 µm	Skewness:	1.508 Right skewed
d_{10}:	2.803 µm	Kurtosis:	2.121 Leptokurtic
d_{50}:	26.09 µm		
d_{90}:	96.03 µm		
Specific Surf. Area	7214 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.803	8.552	26.09	58.37	96.03

146.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.30	500.0	100
5.000	17.1	1000	100
10.00	27.6	2000	100
15.00	35.2		
20.00	42.3		
25.00	48.7		
50.00	70.0		
60.00	75.9		
63.00	77.6		
70.00	81.2		
75.00	83.5		
90.00	88.6		
125.0	94.7		
200.0	99.8		
250.0	100.0		
400.0	100		

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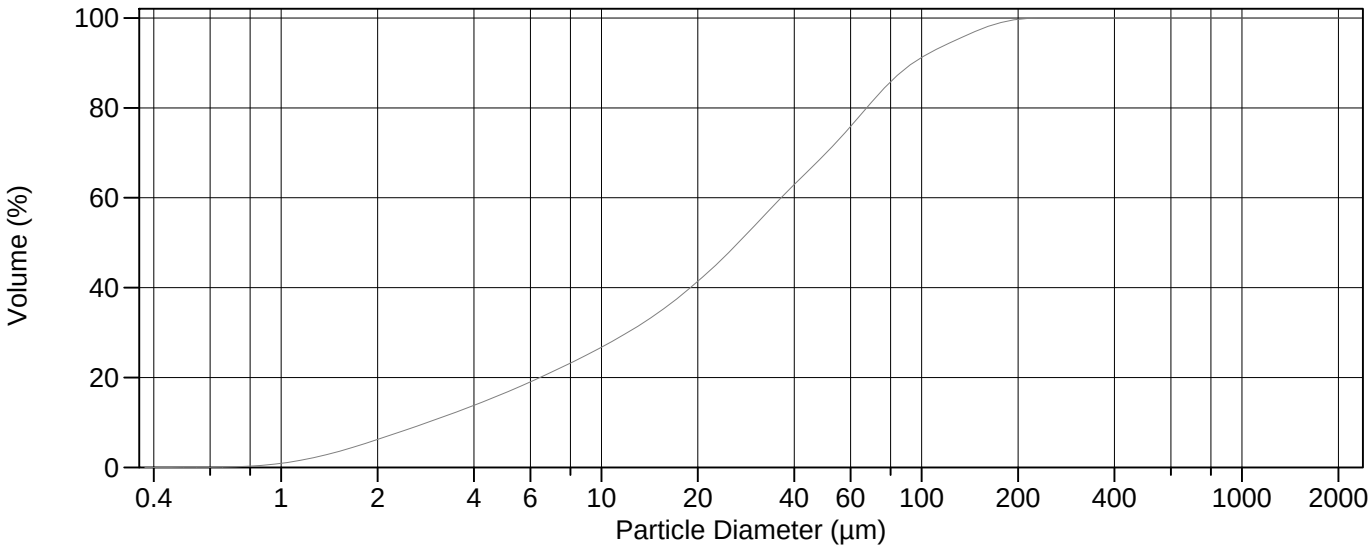

Volume Statistics (Arithmetic) 147.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	39.83 µm	95% Conf. Limits:	0-118.7 µm
Median:	26.77 µm	S.D.:	40.25 µm
D(3,2):	8.440 µm	Variance:	1620 µm^2
Mean/Median Ratio:	1.488	C.V.:	101%
Mode:	66.44 µm	Skewness:	1.556 Right skewed
d_{10}:	2.862 µm	Kurtosis:	2.438 Leptokurtic
d_{50}:	26.77 µm		
d_{90}:	94.06 µm		
Specific Surf. Area	7109 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.862	8.976	26.77	58.57	94.06

147.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.22	500.0	100
5.000	16.6	1000	100
10.00	26.7	2000	100
15.00	34.3		
20.00	41.4		
25.00	47.9		
50.00	69.7		
60.00	75.8		
63.00	77.6		
70.00	81.4		
75.00	83.8		
90.00	89.0		
125.0	94.8		
200.0	99.7		
250.0	100.0		
400.0	100		

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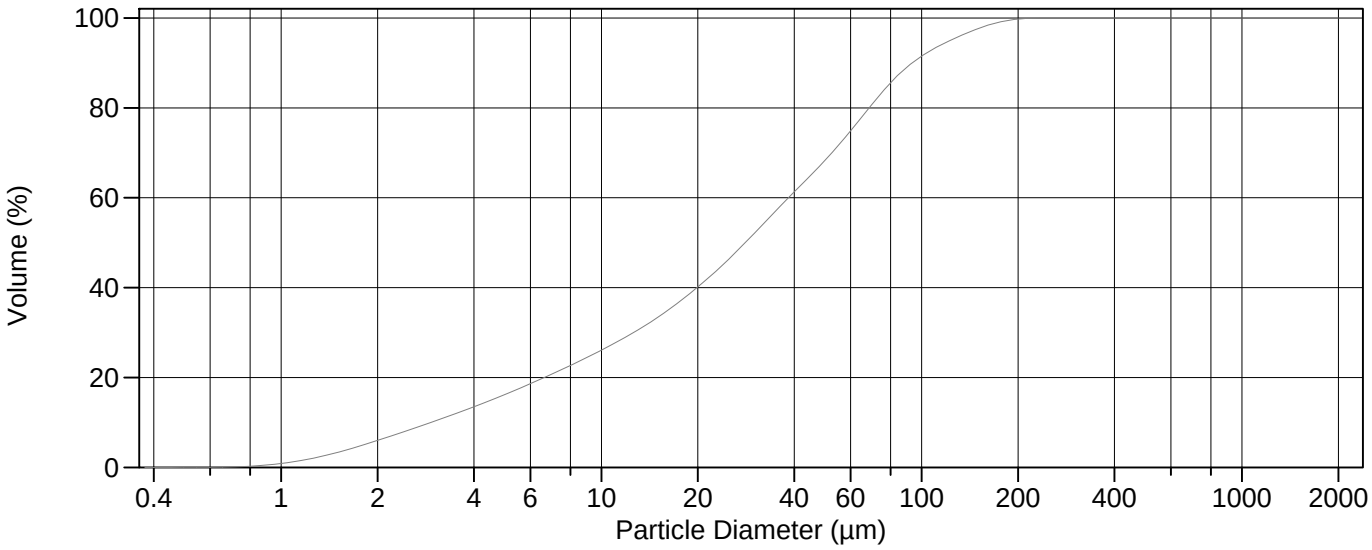

Volume Statistics (Arithmetic) 148.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	40.32 µm	95% Conf. Limits:	0-117.5 µm
Median:	28.12 µm	S.D.:	39.39 µm
D(3,2):	8.653 µm	Variance:	1552 µm^2
Mean/Median Ratio:	1.434	C.V.:	97.7%
Mode:	66.44 µm	Skewness:	1.461 Right skewed
d_{10}:	2.934 µm	Kurtosis:	2.182 Leptokurtic
d_{50}:	28.12 µm		
d_{90}:	93.31 µm		
Specific Surf. Area	6934 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.934	9.332	28.12	60.23	93.31

148.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.01	500.0	100
5.000	16.2	1000	100
10.00	26.1	2000	100
15.00	33.4		
20.00	40.1		
25.00	46.4		
50.00	68.4		
60.00	74.9		
63.00	76.7		
70.00	80.8		
75.00	83.4		
90.00	89.1		
125.0	95.3		
200.0	99.7		
250.0	100.0		
400.0	100		

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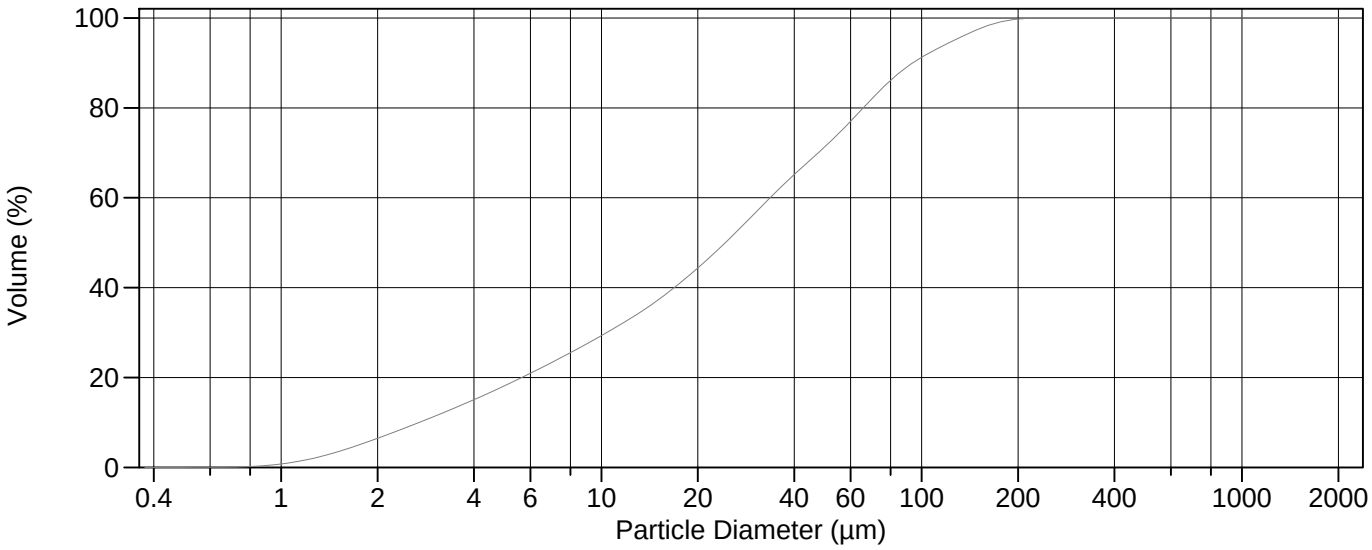

Volume Statistics (Arithmetic) 149.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	38.21 µm	95% Conf. Limits:	0-116.6 µm
Median:	24.38 µm	S.D.:	39.99 µm
D(3,2):	8.033 µm	Variance:	1599 μm^2
Mean/Median Ratio:	1.568	C.V.:	105%
Mode:	66.44 µm	Skewness:	1.572 Right skewed
d_{10}:	2.696 µm	Kurtosis:	2.358 Leptokurtic
d_{50}:	24.38 µm		
d_{90}:	93.73 µm		
Specific Surf. Area	7469 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.696	7.747	24.38	56.34	93.73

149.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.47	500.0	100
5.000	18.2	1000	100
10.00	29.3	2000	100
15.00	37.2		
20.00	44.4		
25.00	50.8		
50.00	71.4		
60.00	77.0		
63.00	78.6		
70.00	82.1		
75.00	84.2		
90.00	89.1		
125.0	94.9		
200.0	99.8		
250.0	100.0		
400.0	100		

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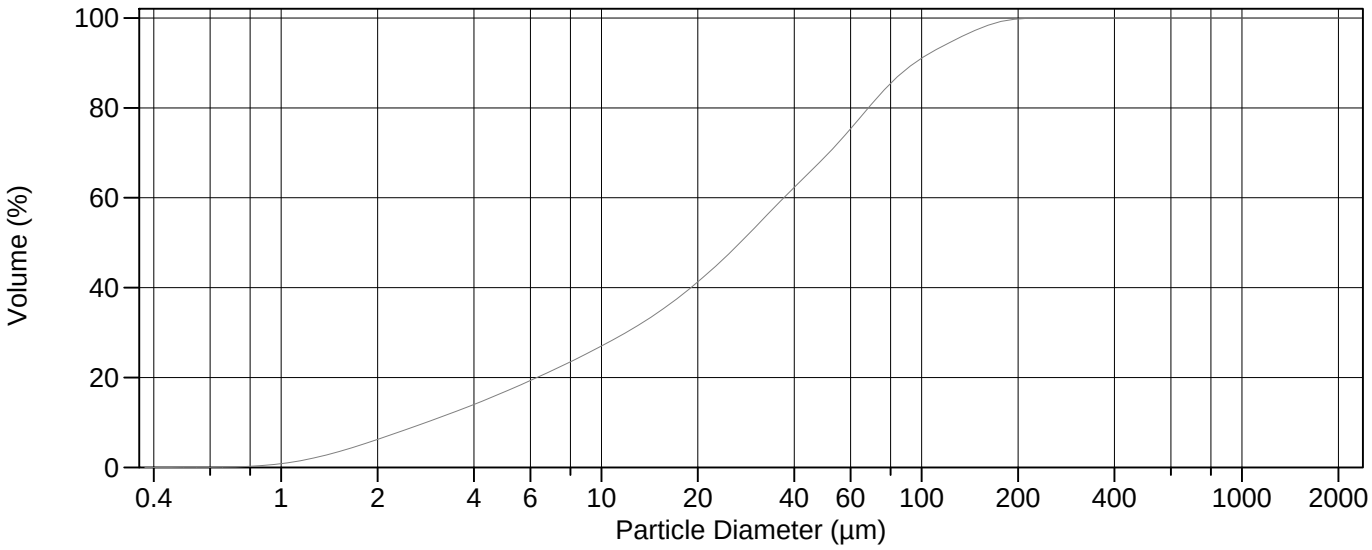

Volume Statistics (Arithmetic) 150.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	39.99 µm	95% Conf. Limits:	0-118.1 µm
Median:	27.10 µm	S.D.:	39.88 µm
D(3,2):	8.442 µm	Variance:	1590 μm^2
Mean/Median Ratio:	1.475	C.V.:	99.7%
Mode:	66.44 µm	Skewness:	1.462 Right skewed
d_{10}:	2.835 µm	Kurtosis:	2.015 Leptokurtic
d_{50}:	27.10 µm		
d_{90}:	95.17 µm		
Specific Surf. Area	7107 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.835	8.818	27.10	59.46	95.17

150.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.22	500.0	100
5.000	16.8	1000	100
10.00	27.0	2000	100
15.00	34.4		
20.00	41.3		
25.00	47.5		
50.00	69.1		
60.00	75.3		
63.00	77.1		
70.00	81.0		
75.00	83.4		
90.00	88.7		
125.0	94.9		
200.0	99.8		
250.0	100.0		
400.0	100		

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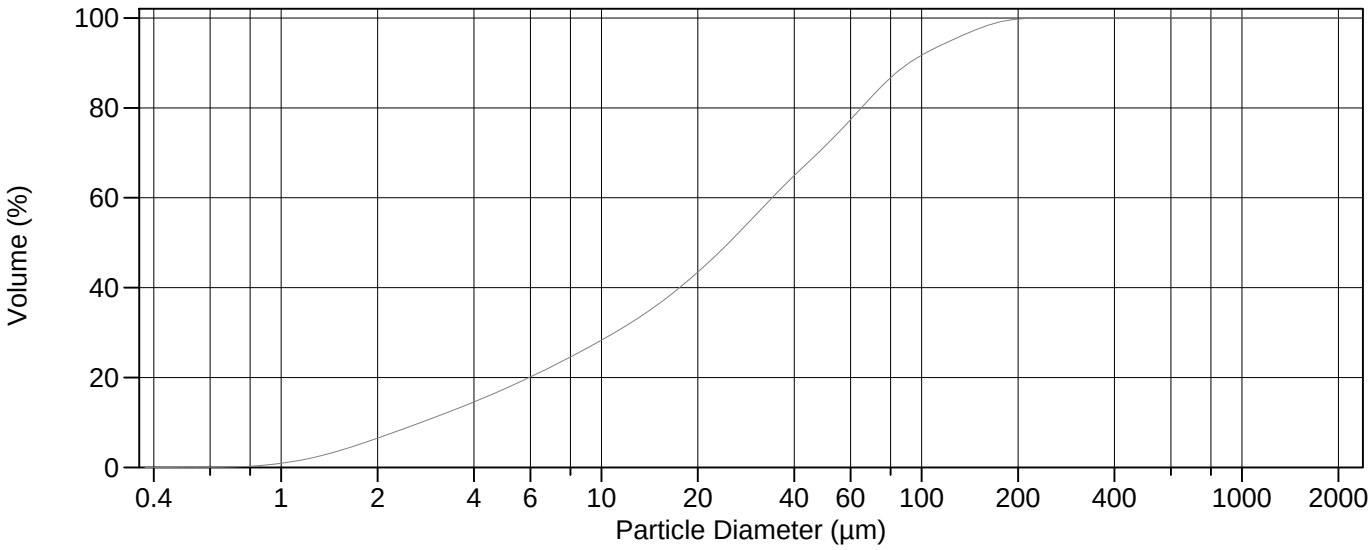

Volume Statistics (Arithmetic) 151.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	38.10 µm	95% Conf. Limits:	0-115.1 µm
Median:	25.00 µm	S.D.:	39.30 µm
D(3,2):	8.102 µm	Variance:	1544 µm^2
Mean/Median Ratio:	1.524	C.V.:	103%
Mode:	66.44 µm	Skewness:	1.594 Right skewed
d_{10}:	2.735 µm	Kurtosis:	2.552 Leptokurtic
d_{50}:	25.00 µm		
d_{90}:	91.28 µm		
Specific Surf. Area	7406 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.735	8.223	25.00	55.89	91.28

151.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.51	500.0	100
5.000	17.5	1000	100
10.00	28.3	2000	100
15.00	36.2		
20.00	43.5		
25.00	50.0		
50.00	71.5		
60.00	77.3		
63.00	79.0		
70.00	82.6		
75.00	84.8		
90.00	89.7		
125.0	95.2		
200.0	99.8		
250.0	100.0		
400.0	100		

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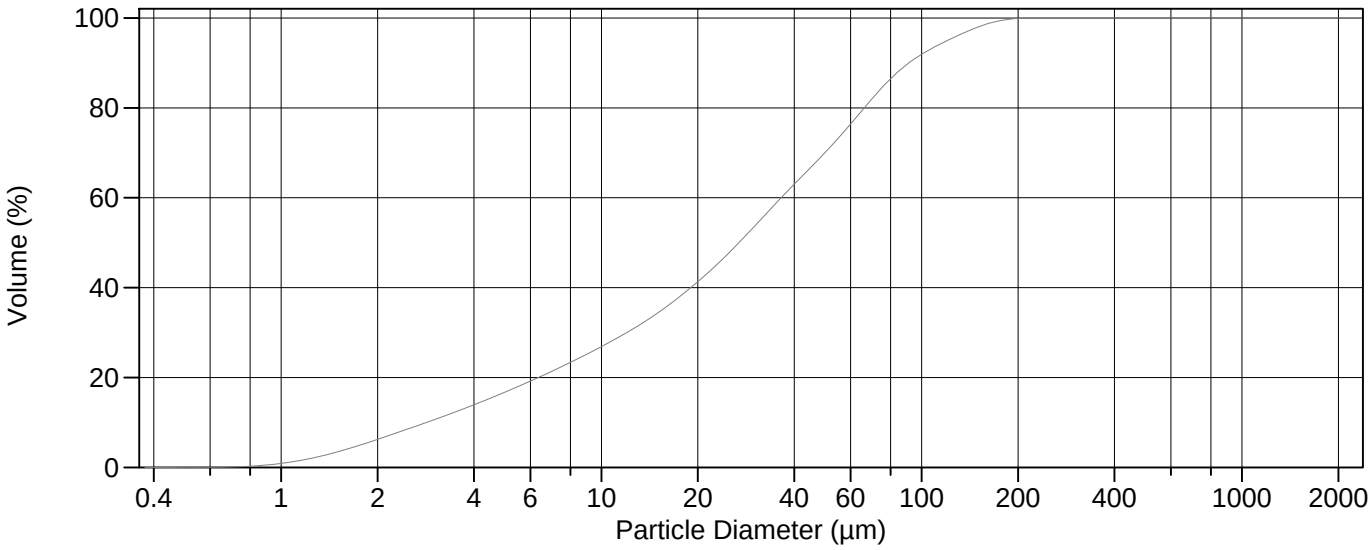

Volume Statistics (Arithmetic) 152.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	38.85 µm	95% Conf. Limits:	0-113.7 µm
Median:	26.88 µm	S.D.:	38.19 µm
D(3,2):	8.415 µm	Variance:	1459 μm^2
Mean/Median Ratio:	1.446	C.V.:	98.3%
Mode:	66.44 µm	Skewness:	1.447 Right skewed
d_{10}:	2.844 µm	Kurtosis:	1.997 Leptokurtic
d_{50}:	26.88 µm		
d_{90}:	91.15 µm		
Specific Surf. Area	7130 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.844	8.893	26.88	57.72	91.15

152.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.23	500.0	100
5.000	16.7	1000	100
10.00	26.9	2000	100
15.00	34.4		
20.00	41.3		
25.00	47.7		
50.00	70.1		
60.00	76.4		
63.00	78.2		
70.00	82.0		
75.00	84.4		
90.00	89.7		
125.0	95.6		
200.0	99.9		
250.0	100.0		
400.0	100		

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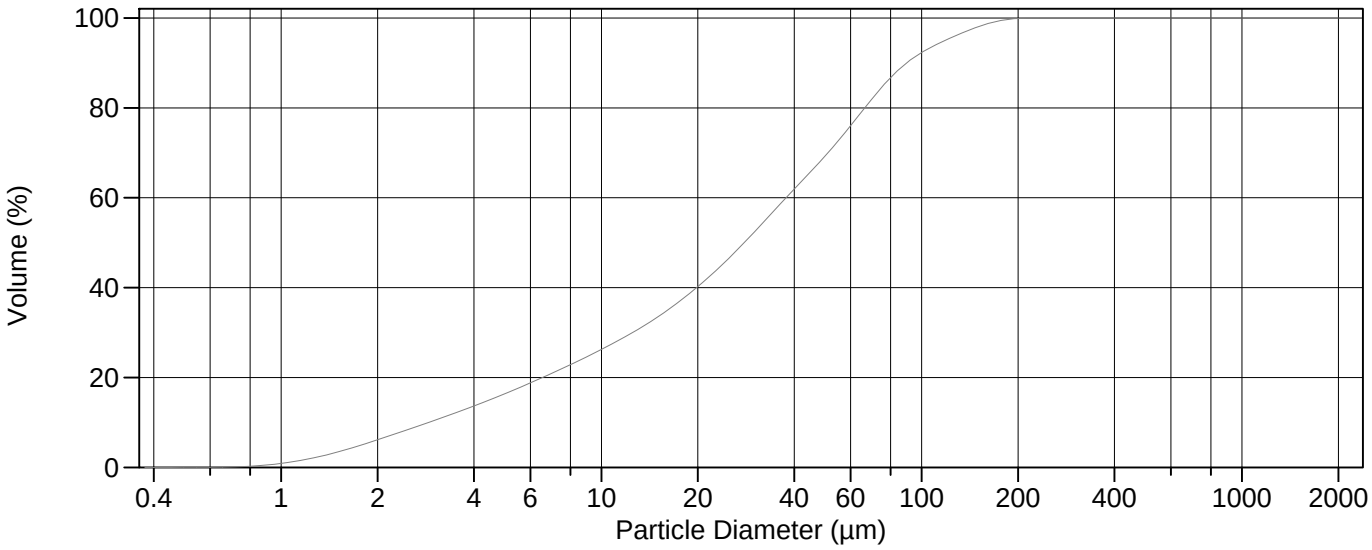

Volume Statistics (Arithmetic) 153.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	39.19 µm	95% Conf. Limits:	0-113.3 µm
Median:	27.92 µm	S.D.:	37.79 µm
D(3,2):	8.555 µm	Variance:	1428 μm^2
Mean/Median Ratio:	1.404	C.V.:	96.4%
Mode:	66.44 µm	Skewness:	1.432 Right skewed
d_{10}:	2.888 µm	Kurtosis:	2.061 Leptokurtic
d_{50}:	27.92 µm		
d_{90}:	89.85 µm		
Specific Surf. Area	7014 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.888	9.237	27.92	58.42	89.85

153.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.15	500.0	100
5.000	16.4	1000	100
10.00	26.2	2000	100
15.00	33.5		
20.00	40.2		
25.00	46.5		
50.00	69.3		
60.00	76.0		
63.00	77.9		
70.00	82.0		
75.00	84.6		
90.00	90.0		
125.0	95.8		
200.0	99.9		
250.0	100.0		
400.0	100		

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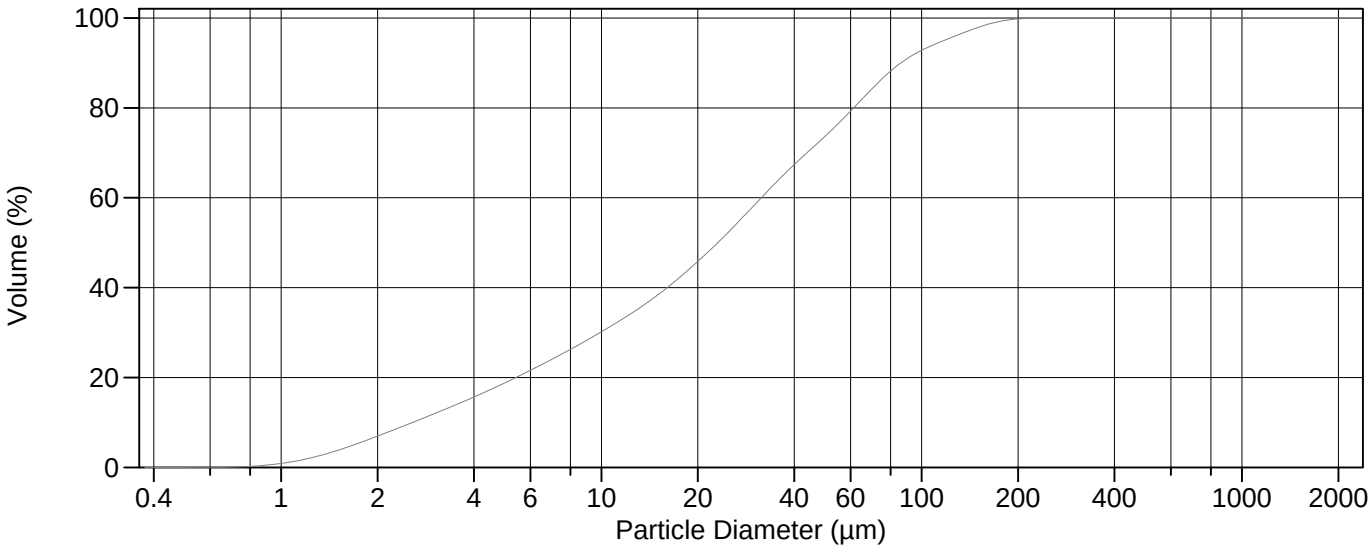

Volume Statistics (Arithmetic) 154.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	35.84 µm	95% Conf. Limits:	0-110.0 µm
Median:	23.09 µm	S.D.:	37.82 µm
D(3,2):	7.702 µm	Variance:	1431 μm^2
Mean/Median Ratio:	1.553	C.V.:	106%
Mode:	31.50 µm	Skewness:	1.681 Right skewed
d_{10}:	2.571 µm	Kurtosis:	2.965 Leptokurtic
d_{50}:	23.09 µm		
d_{90}:	86.10 µm		
Specific Surf. Area	7790 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.571	7.411	23.09	52.26	86.10

154.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.97	500.0	100
5.000	18.8	1000	100
10.00	30.2	2000	100
15.00	38.4		
20.00	45.8		
25.00	52.5		
50.00	73.7		
60.00	79.3		
63.00	80.9		
70.00	84.3		
75.00	86.4		
90.00	90.9		
125.0	95.8		
200.0	99.8		
250.0	100.0		
400.0	100		

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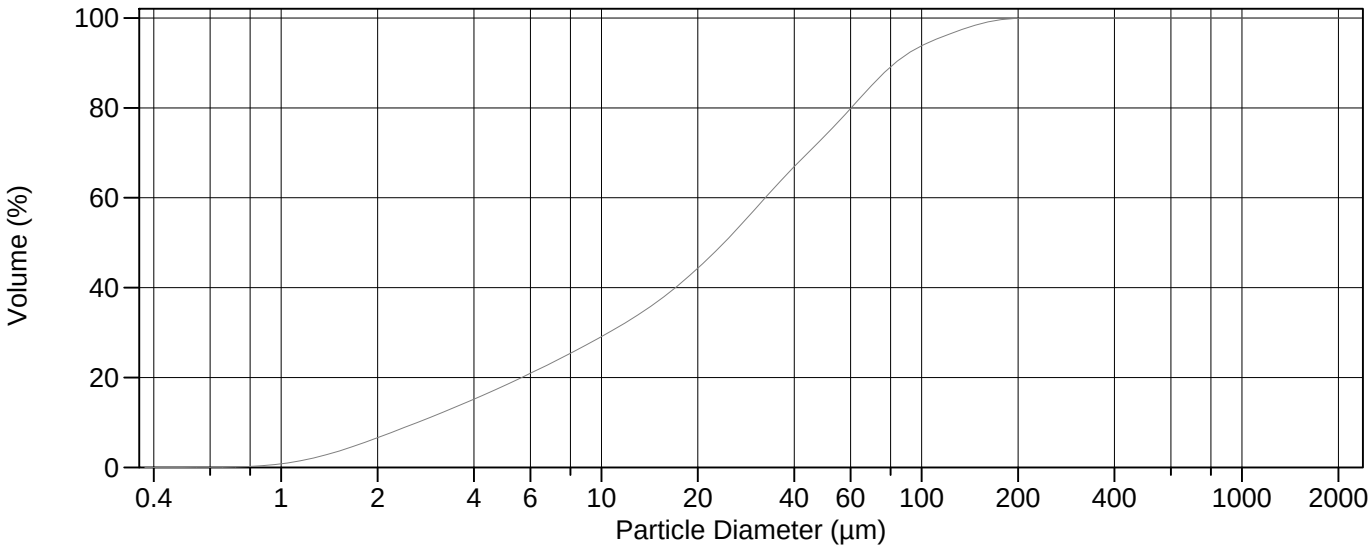

Volume Statistics (Arithmetic) 155.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	35.23 µm	95% Conf. Limits:	0-104.6 µm
Median:	24.16 µm	S.D.:	35.39 µm
D(3,2):	7.951 µm	Variance:	1253 μm^2
Mean/Median Ratio:	1.458	C.V.:	100%
Mode:	31.50 µm	Skewness:	1.570 Right skewed
d_{10}:	2.661 µm	Kurtosis:	2.618 Leptokurtic
d_{50}:	24.16 µm		
d_{90}:	82.63 µm		
Specific Surf. Area	7547 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.661	7.813	24.16	51.85	82.63

155.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.60	500.0	100
5.000	18.3	1000	100
10.00	29.1	2000	100
15.00	37.0		
20.00	44.3		
25.00	51.1		
50.00	73.8		
60.00	79.8		
63.00	81.5		
70.00	85.1		
75.00	87.3		
90.00	91.9		
125.0	96.7		
200.0	99.9		
250.0	100.0		
400.0	100		

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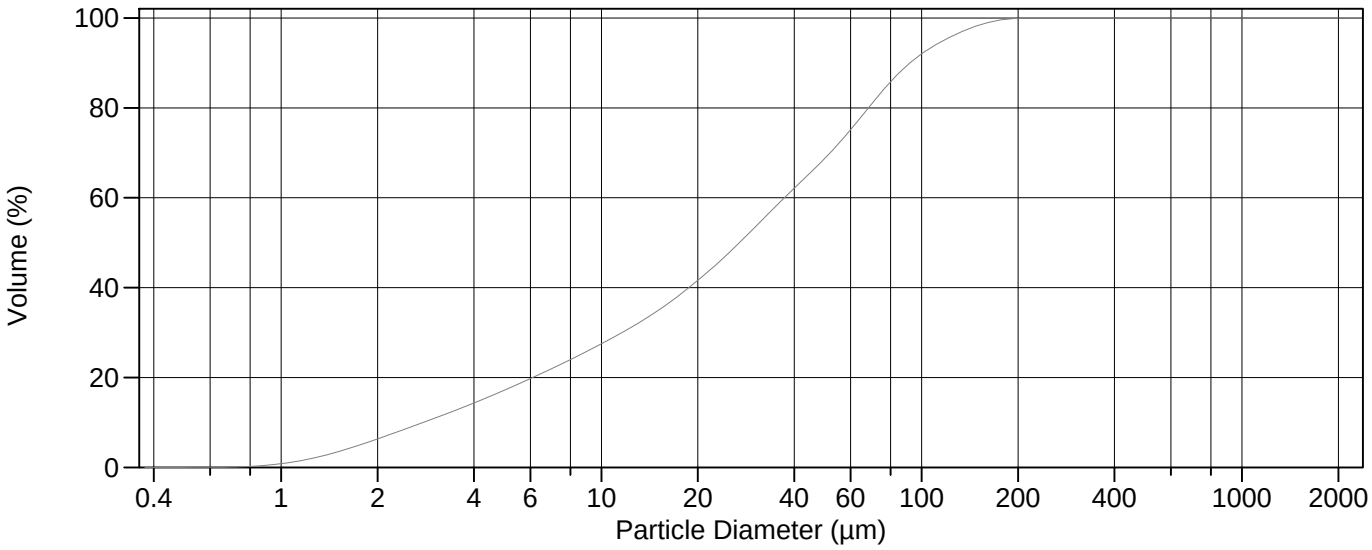

Volume Statistics (Arithmetic) 156.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	39.05 µm	95% Conf. Limits:	0-113.2 µm
Median:	26.97 µm	S.D.:	37.85 µm
D(3,2):	8.335 µm	Variance:	1433 μm^2
Mean/Median Ratio:	1.448	C.V.:	96.9%
Mode:	66.44 µm	Skewness:	1.332 Right skewed
d_{10}:	2.778 µm	Kurtosis:	1.586 Leptokurtic
d_{50}:	26.97 µm		
d_{90}:	91.78 µm		
Specific Surf. Area	7199 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.778	8.548	26.97	59.81	91.78

156.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.35	500.0	100
5.000	17.2	1000	100
10.00	27.5	2000	100
15.00	34.9		
20.00	41.6		
25.00	47.7		
50.00	68.8		
60.00	75.1		
63.00	77.0		
70.00	81.0		
75.00	83.6		
90.00	89.4		
125.0	96.0		
200.0	99.9		
250.0	100.0		
400.0	100		

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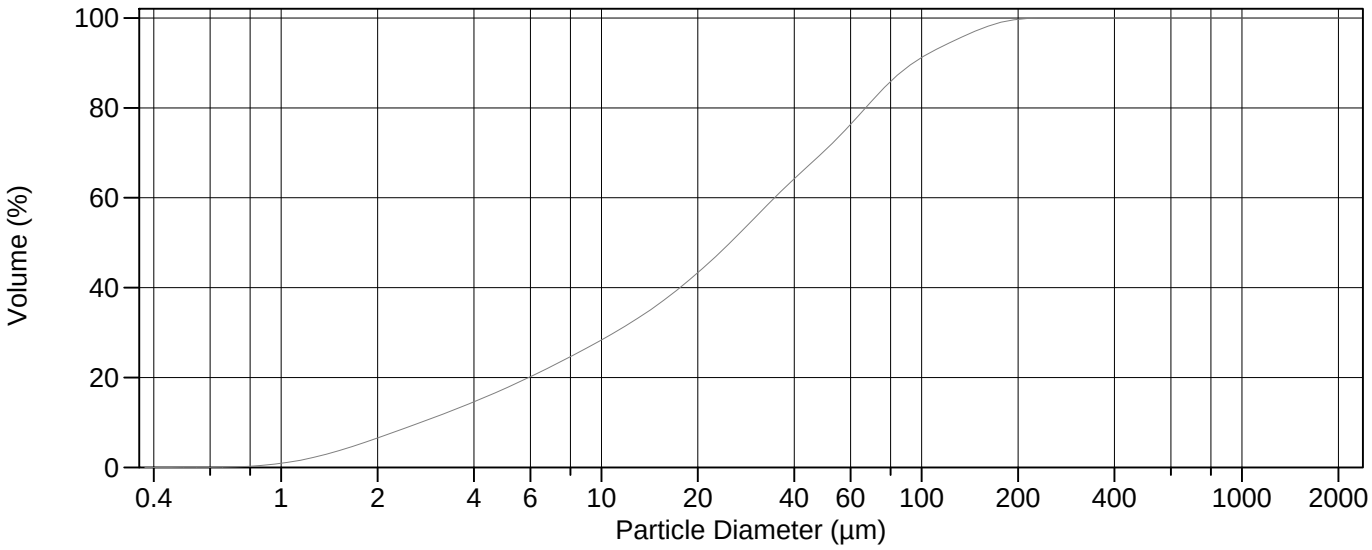

Volume Statistics (Arithmetic) 157.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	38.96 µm	95% Conf. Limits:	0-118.0 µm
Median:	25.22 µm	S.D.:	40.34 µm
D(3,2):	8.102 µm	Variance:	1627 μm^2
Mean/Median Ratio:	1.545	C.V.:	104%
Mode:	66.44 µm	Skewness:	1.569 Right skewed
d_{10}:	2.725 µm	Kurtosis:	2.414 Leptokurtic
d_{50}:	25.22 µm		
d_{90}:	94.15 µm		
Specific Surf. Area	7406 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.725	8.182	25.22	57.66	94.15

157.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.55	500.0	100
5.000	17.6	1000	100
10.00	28.4	2000	100
15.00	36.2		
20.00	43.3		
25.00	49.7		
50.00	70.6		
60.00	76.3		
63.00	78.0		
70.00	81.6		
75.00	83.9		
90.00	89.0		
125.0	94.8		
200.0	99.7		
250.0	100.0		
400.0	100		

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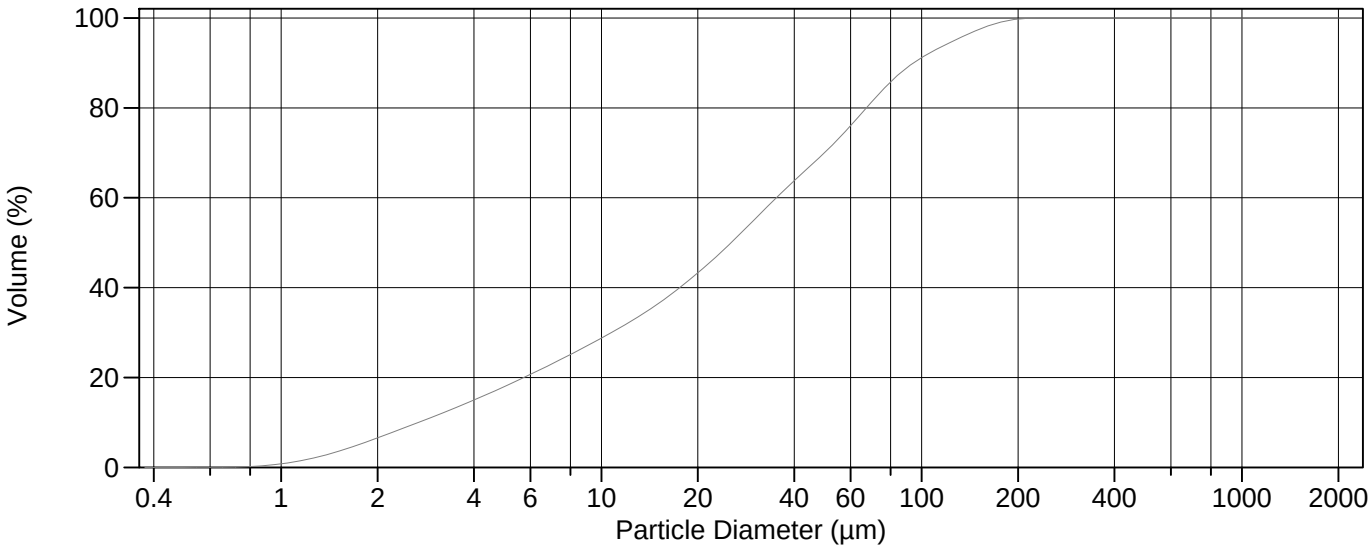

Volume Statistics (Arithmetic) 158.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	39.06 µm	95% Conf. Limits:	0-118.0 µm
Median:	25.42 µm	S.D.:	40.28 µm
D(3,2):	8.083 µm	Variance:	1623 μm^2
Mean/Median Ratio:	1.537	C.V.:	103%
Mode:	66.44 µm	Skewness:	1.534 Right skewed
d_{10}:	2.682 µm	Kurtosis:	2.265 Leptokurtic
d_{50}:	25.42 µm		
d_{90}:	94.37 µm		
Specific Surf. Area	7423 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.682	7.946	25.42	58.22	94.37

158.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.57	500.0	100
5.000	18.0	1000	100
10.00	28.8	2000	100
15.00	36.4		
20.00	43.3		
25.00	49.5		
50.00	70.2		
60.00	76.0		
63.00	77.7		
70.00	81.4		
75.00	83.7		
90.00	88.9		
125.0	94.8		
200.0	99.7		
250.0	100.0		
400.0	100		

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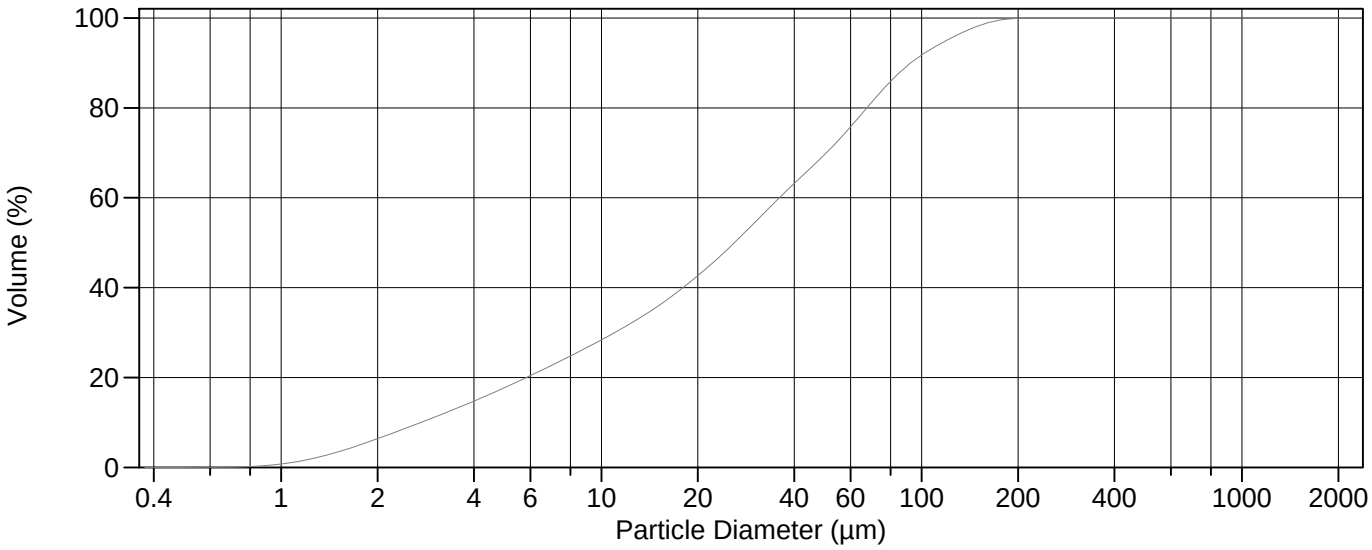

Volume Statistics (Arithmetic) 159.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	38.59 µm	95% Conf. Limits:	0-113.5 µm
Median:	26.02 µm	S.D.:	38.22 µm
D(3,2):	8.210 µm	Variance:	1461 μm^2
Mean/Median Ratio:	1.483	C.V.:	99.0%
Mode:	66.44 µm	Skewness:	1.372 Right skewed
d_{10}:	2.731 µm	Kurtosis:	1.629 Leptokurtic
d_{50}:	26.02 µm		
d_{90}:	92.35 µm		
Specific Surf. Area	7308 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.731	8.110	26.02	58.70	92.35

159.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.39	500.0	100
5.000	17.8	1000	100
10.00	28.4	2000	100
15.00	35.8		
20.00	42.7		
25.00	48.8		
50.00	69.7		
60.00	75.8		
63.00	77.5		
70.00	81.4		
75.00	83.8		
90.00	89.3		
125.0	95.7		
200.0	99.9		
250.0	100.0		
400.0	100		

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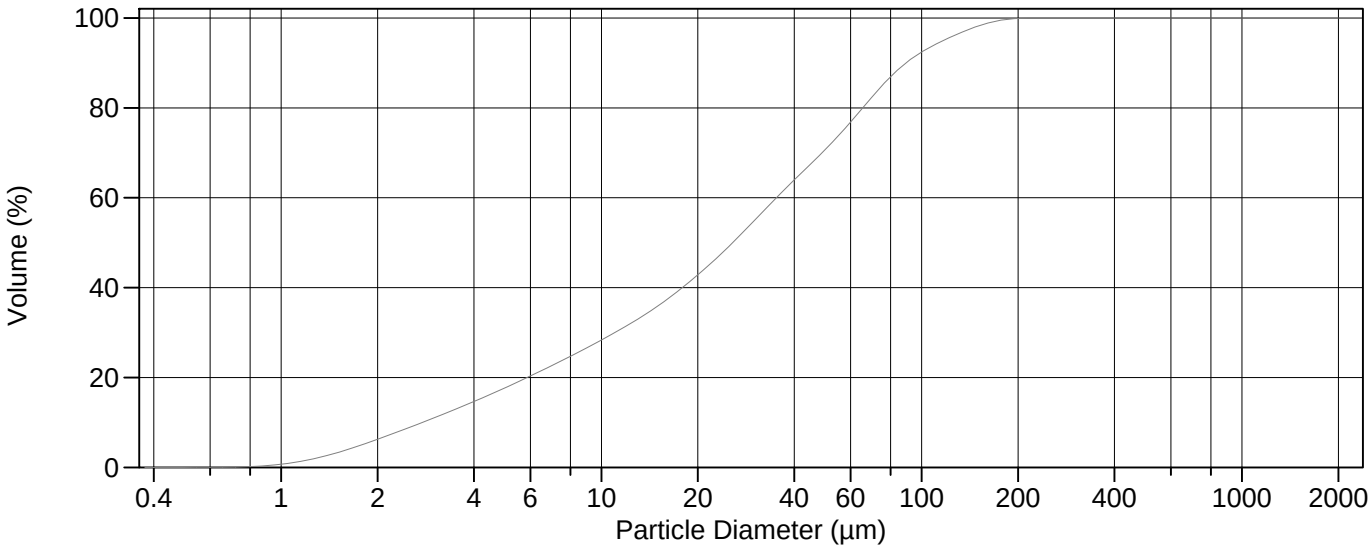

Volume Statistics (Arithmetic) 160#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	37.82 µm	95% Conf. Limits:	0-111.5 µm
Median:	25.68 µm	S.D.:	37.62 µm
D(3,2):	8.259 µm	Variance:	1415 μm^2
Mean/Median Ratio:	1.472	C.V.:	99.5%
Mode:	66.44 µm	Skewness:	1.450 Right skewed
d_{10}:	2.759 µm	Kurtosis:	2.023 Leptokurtic
d_{50}:	25.68 µm		
d_{90}:	89.44 µm		
Specific Surf. Area	7265 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.759	8.140	25.68	56.95	89.44

160#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.26	500.0	100
5.000	17.7	1000	100
10.00	28.3	2000	100
15.00	35.9		
20.00	42.8		
25.00	49.2		
50.00	70.7		
60.00	76.8		
63.00	78.6		
70.00	82.5		
75.00	84.8		
90.00	90.2		
125.0	95.9		
200.0	99.9		
250.0	100.0		
400.0	100		

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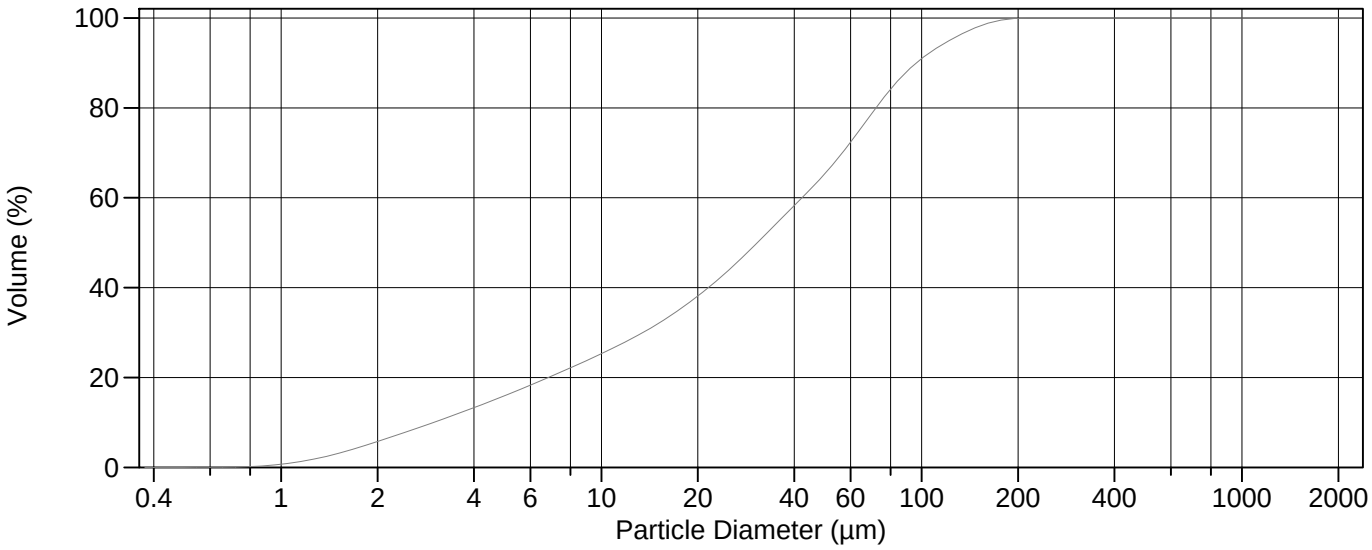

Volume Statistics (Arithmetic) 161.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	41.96 µm	95% Conf. Limits:	0-118.3 µm
Median:	30.69 µm	S.D.:	38.95 µm
D(3,2):	8.993 µm	Variance:	1517 μm^2
Mean/Median Ratio:	1.367	C.V.:	92.8%
Mode:	66.44 µm	Skewness:	1.217 Right skewed
d_{10}:	2.989 µm	Kurtosis:	1.217 Leptokurtic
d_{50}:	30.69 µm		
d_{90}:	96.39 µm		
Specific Surf. Area	6672 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.989	9.791	30.69	63.92	96.39

161.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.76	500.0	100
5.000	16.0	1000	100
10.00	25.3	2000	100
15.00	31.9		
20.00	38.1		
25.00	43.9		
50.00	65.4		
60.00	72.3		
63.00	74.4		
70.00	78.9		
75.00	81.7		
90.00	88.1		
125.0	95.4		
200.0	99.9		
250.0	100.0		
400.0	100		

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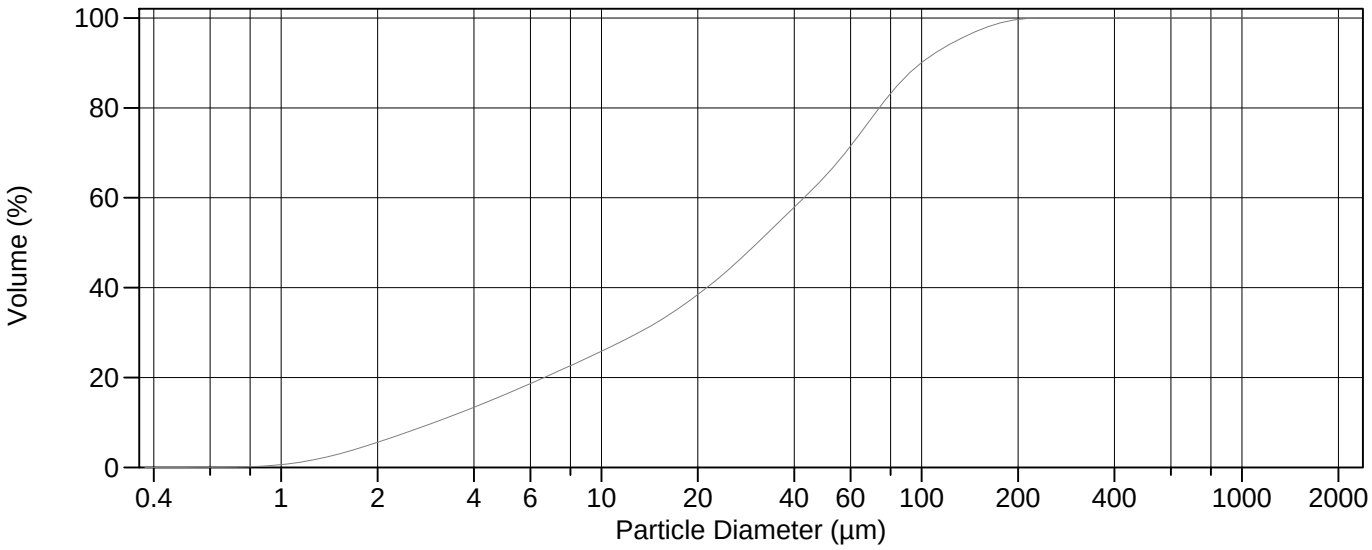

Volume Statistics (Arithmetic) 162.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	43.18 µm	95% Conf. Limits:	0-124.3 µm
Median:	30.74 µm	S.D.:	41.40 µm
D(3,2):	9.042 µm	Variance:	1714 μm^2
Mean/Median Ratio:	1.405	C.V.:	95.9%
Mode:	66.44 µm	Skewness:	1.337 Right skewed
d_{10}:	3.011 µm	Kurtosis:	1.693 Leptokurtic
d_{50}:	30.74 µm		
d_{90}:	99.71 µm		
Specific Surf. Area	6636 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.011	9.446	30.74	65.36	99.71

162.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.58	500.0	100
5.000	16.2	1000	100
10.00	25.8	2000	100
15.00	32.4		
20.00	38.4		
25.00	44.1		
50.00	64.8		
60.00	71.5		
63.00	73.5		
70.00	77.9		
75.00	80.7		
90.00	87.2		
125.0	94.5		
200.0	99.7		
250.0	100.0		
400.0	100		

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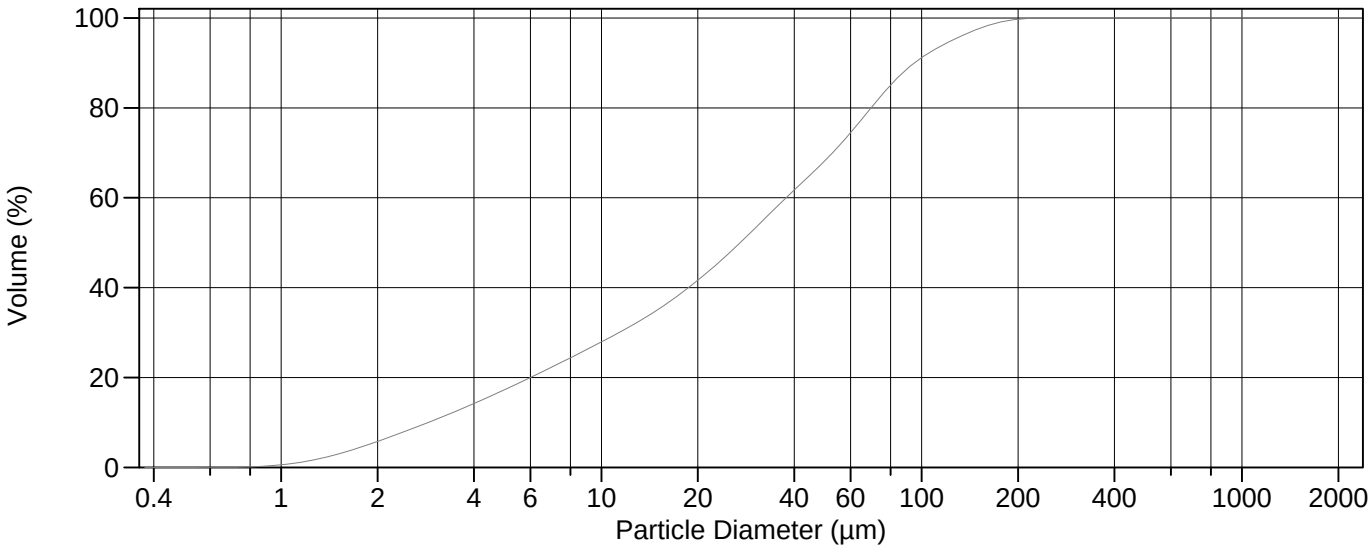

Volume Statistics (Arithmetic) 163.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	40.18 µm	95% Conf. Limits:	0-118.8 µm
Median:	27.12 µm	S.D.:	40.09 µm
D(3,2):	8.593 µm	Variance:	1607 μm^2
Mean/Median Ratio:	1.482	C.V.:	99.8%
Mode:	66.44 µm	Skewness:	1.446 Right skewed
d_{10}:	2.879 µm	Kurtosis:	2.049 Leptokurtic
d_{50}:	27.12 µm		
d_{90}:	95.04 µm		
Specific Surf. Area	6982 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.879	8.325	27.12	60.88	95.04

163.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.78	500.0	100
5.000	17.3	1000	100
10.00	27.9	2000	100
15.00	35.1		
20.00	41.6		
25.00	47.6		
50.00	68.3		
60.00	74.5		
63.00	76.3		
70.00	80.3		
75.00	82.8		
90.00	88.6		
125.0	95.1		
200.0	99.7		
250.0	100.0		
400.0	100		

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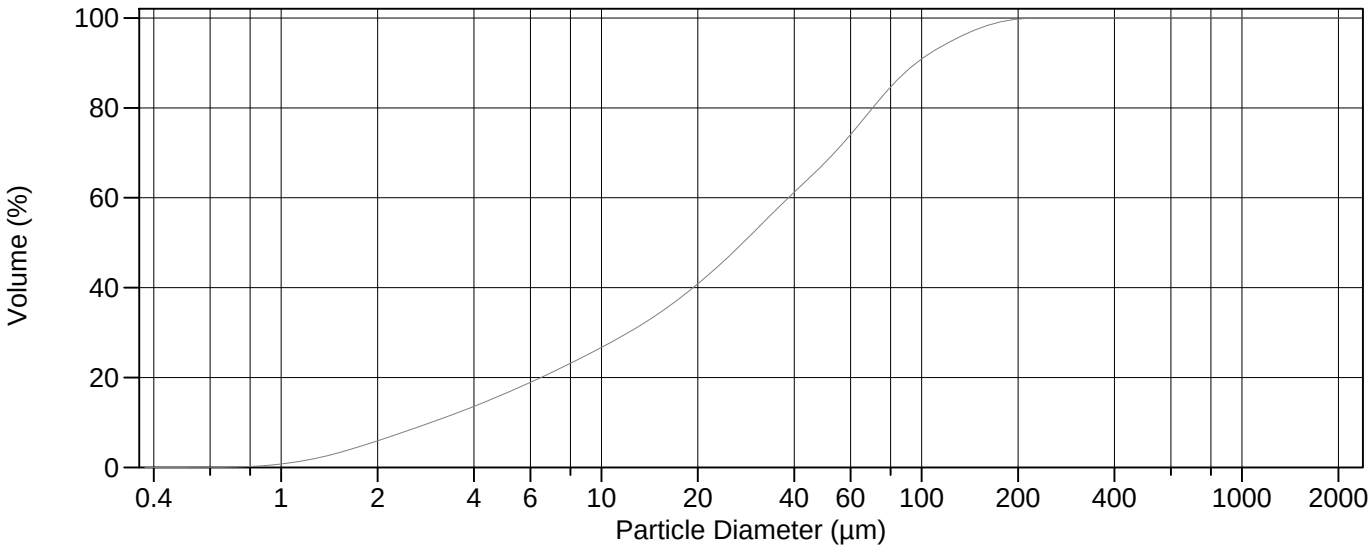

Volume Statistics (Arithmetic) 164.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	40.75 µm	95% Conf. Limits:	0-119.4 µm
Median:	27.68 µm	S.D.:	40.12 µm
D(3,2):	8.677 µm	Variance:	1609 μm^2
Mean/Median Ratio:	1.472	C.V.:	98.5%
Mode:	66.44 µm	Skewness:	1.413 Right skewed
d_{10}:	2.937 µm	Kurtosis:	1.902 Leptokurtic
d_{50}:	27.68 µm		
d_{90}:	96.41 µm		
Specific Surf. Area	6915 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.937	9.009	27.68	61.58	96.41

164.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.90	500.0	100
5.000	16.4	1000	100
10.00	26.7	2000	100
15.00	34.1		
20.00	40.8		
25.00	47.0		
50.00	67.9		
60.00	74.0		
63.00	75.9		
70.00	79.9		
75.00	82.4		
90.00	88.2		
125.0	95.0		
200.0	99.7		
250.0	100.0		
400.0	100		

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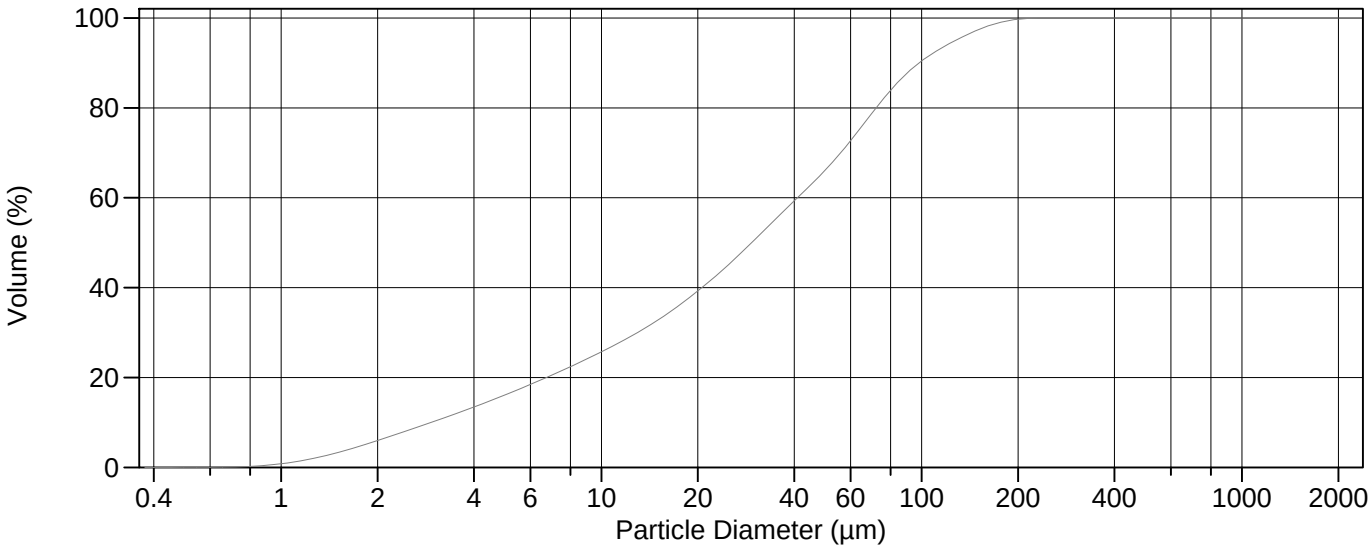

Volume Statistics (Arithmetic) 165.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	42.17 µm	95% Conf. Limits:	0-122.1 µm
Median:	29.44 µm	S.D.:	40.78 µm
D(3,2):	8.778 µm	Variance:	1663 μm^2
Mean/Median Ratio:	1.432	C.V.:	96.7%
Mode:	66.44 µm	Skewness:	1.371 Right skewed
d_{10}:	2.937 µm	Kurtosis:	1.786 Leptokurtic
d_{50}:	29.44 µm		
d_{90}:	98.27 µm		
Specific Surf. Area	6835 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.937	9.540	29.44	63.61	98.27

165.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.99	500.0	100
5.000	16.1	1000	100
10.00	25.7	2000	100
15.00	32.8		
20.00	39.3		
25.00	45.2		
50.00	66.1		
60.00	72.7		
63.00	74.6		
70.00	78.9		
75.00	81.5		
90.00	87.7		
125.0	94.7		
200.0	99.7		
250.0	100.0		
400.0	100		

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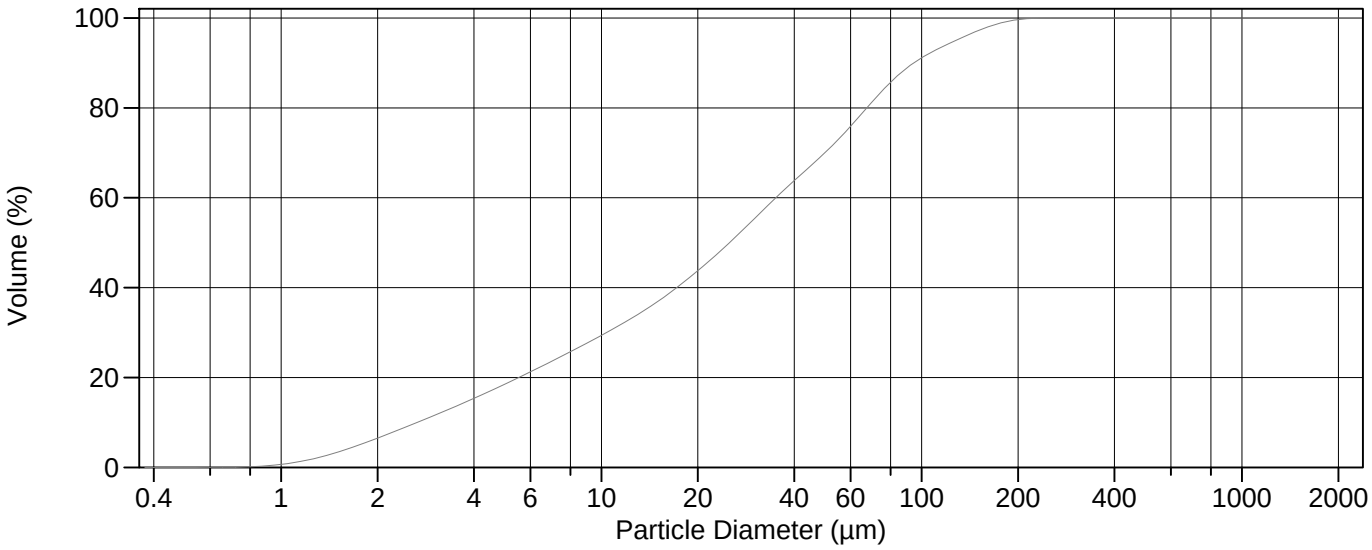

Volume Statistics (Arithmetic) 166.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	39.16 µm	95% Conf. Limits:	0-119.4 µm
Median:	25.10 µm	S.D.:	40.96 µm
D(3,2):	8.055 µm	Variance:	1678 μm^2
Mean/Median Ratio:	1.560	C.V.:	105%
Mode:	66.44 µm	Skewness:	1.586 Right skewed
d_{10}:	2.657 µm	Kurtosis:	2.537 Leptokurtic
d_{50}:	25.10 µm		
d_{90}:	94.58 µm		
Specific Surf. Area	7449 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.657	7.642	25.10	58.44	94.58

166.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.51	500.0	100
5.000	18.5	1000	100
10.00	29.4	2000	100
15.00	36.9		
20.00	43.8		
25.00	49.9		
50.00	70.1		
60.00	75.9		
63.00	77.6		
70.00	81.3		
75.00	83.7		
90.00	88.9		
125.0	94.7		
200.0	99.6		
250.0	100.0		
400.0	100		

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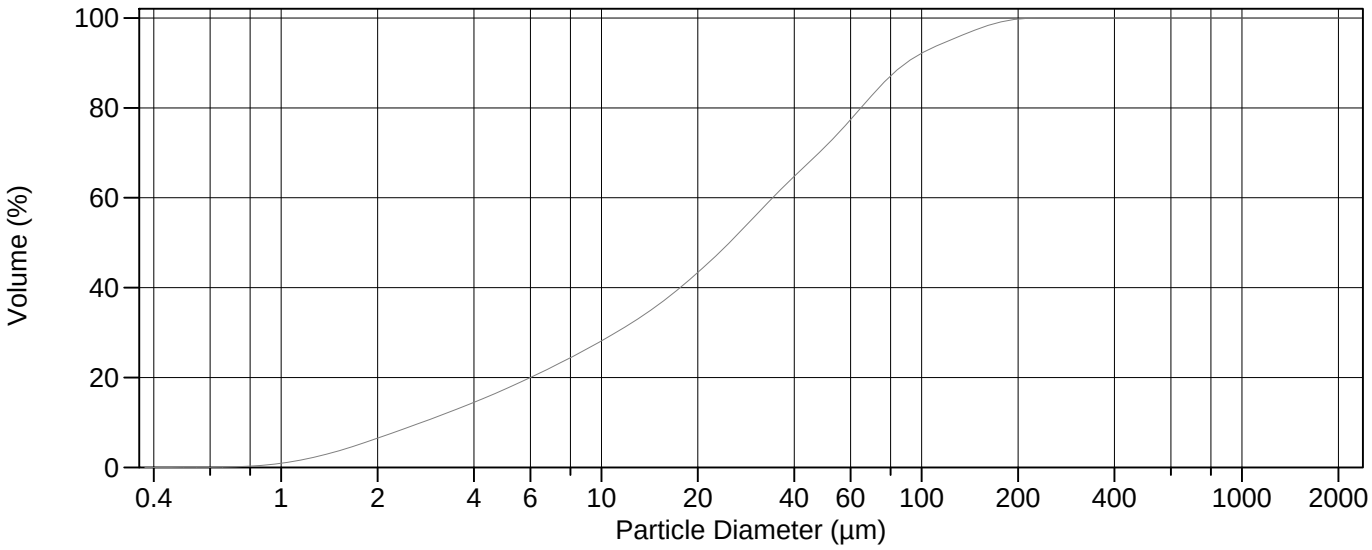


Volume Statistics (Arithmetic) 167.$02

Calculations from 0.375 µm to 2000 µm

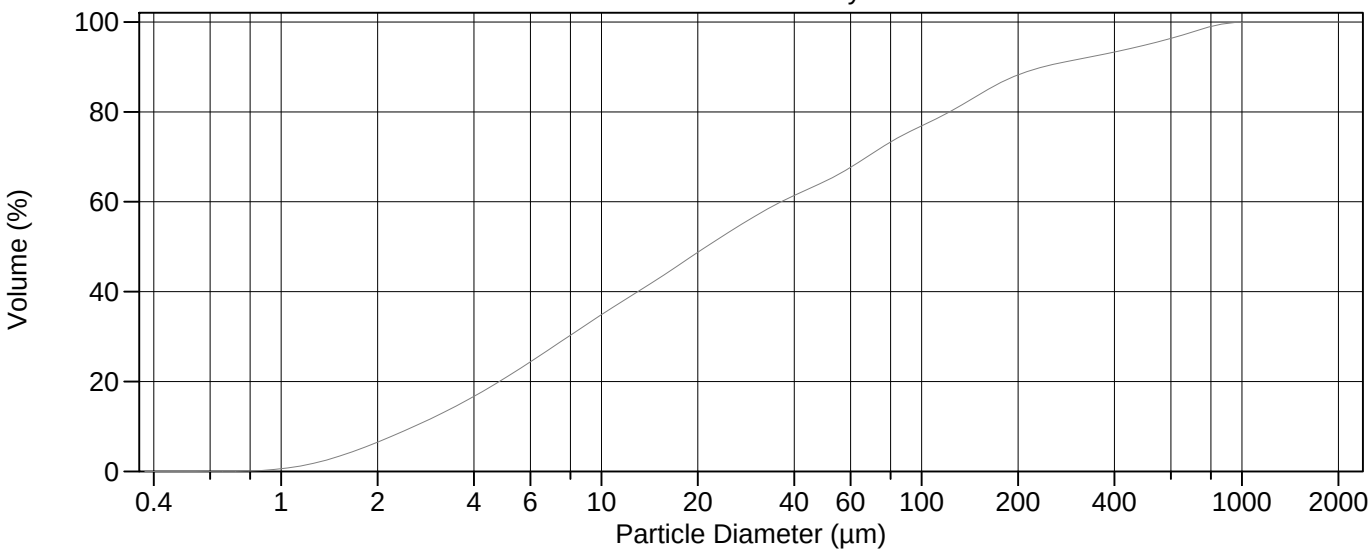
Volume	100.0%		
Mean:	37.98 µm	95% Conf. Limits:	0-114.5 µm
Median:	25.08 µm	S.D.:	39.05 µm
D(3,2):	8.119 µm	Variance:	1525 μm^2
Mean/Median Ratio:	1.514	C.V.:	103%
Mode:	66.44 µm	Skewness:	1.619 Right skewed
d_{10}:	2.744 µm	Kurtosis:	2.741 Leptokurtic
d_{50}:	25.08 µm		
d_{90}:	89.57 µm		
Specific Surf. Area	7390 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.744	8.300	25.08	56.00	89.57

167.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.51	500.0	100
5.000	17.4	1000	100
10.00	28.1	2000	100
15.00	36.1		
20.00	43.4		
25.00	49.9		
50.00	71.4		
60.00	77.4		
63.00	79.1		
70.00	82.8		
75.00	85.1		
90.00	90.1		
125.0	95.3		
200.0	99.7		
250.0	100.0		
400.0	100		

2014.0017 - stand. Hynne



Volume Statistics (Arithmetic) 168.$02

Calculations from 0.375 µm to 2000 µm

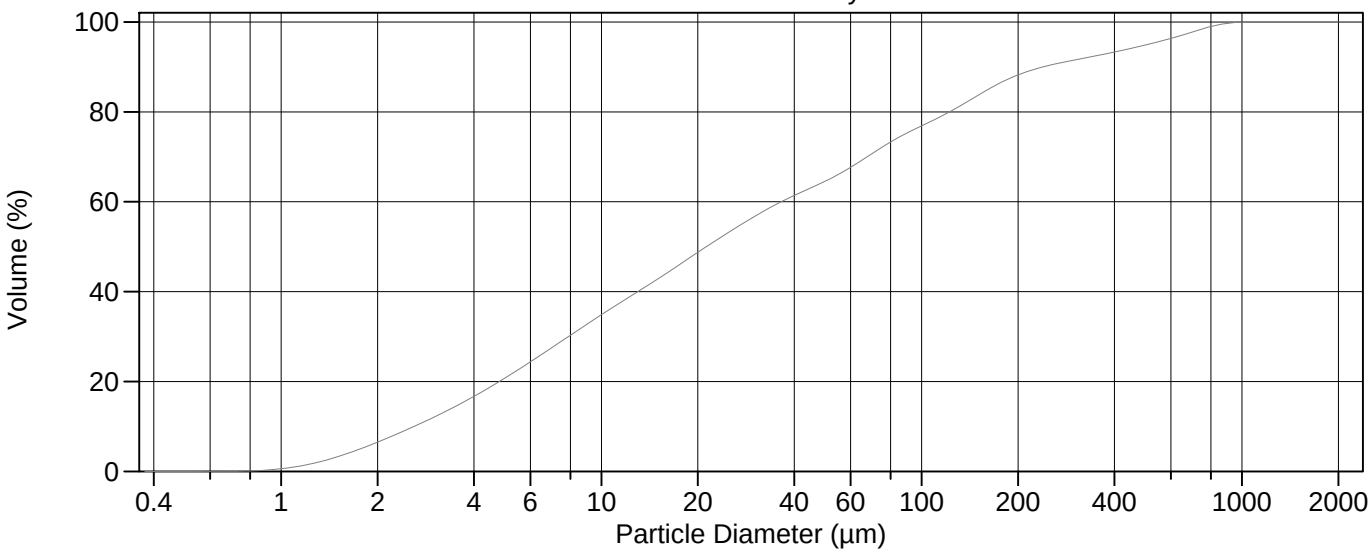
Volume	100.0%		
Mean:	90.05 µm	95% Conf. Limits:	0-414.6 µm
Median:	21.27 µm	S.D.:	165.6 µm
D(3,2):	7.668 µm	Variance:	27413 µm^2
Mean/Median Ratio:	4.233	C.V.:	184%
Mode:	18.00 µm	Skewness:	2.913 Right skewed
d_{10}:	2.600 µm	Kurtosis:	8.552 Leptokurtic
d_{50}:	21.27 µm		
d_{90}:	239.4 µm		
Specific Surf. Area	7825 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.600	6.187	21.27	88.36	239.4

168.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.52	500.0	94.9
5.000	20.8	1000	100.0
10.00	34.9	2000	100
15.00	42.8		
20.00	48.7		
25.00	53.2		
50.00	64.6		
60.00	67.7		
63.00	68.6		
70.00	70.7		
75.00	72.1		
90.00	75.3		
125.0	80.4		
200.0	88.2		
250.0	90.3		
400.0	93.3		

2014.0017 - stand. Hynne



Volume Statistics (Arithmetic) 168.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	90.05 µm	95% Conf. Limits:	0-414.6 µm
Median:	21.27 µm	S.D.:	165.6 µm
D(3,2):	7.668 µm	Variance:	27413 μm^2
Mean/Median Ratio:	4.233	C.V.:	184%
Mode:	18.00 µm	Skewness:	2.913 Right skewed
d_{10}:	2.600 µm	Kurtosis:	8.552 Leptokurtic
d_{50}:	21.27 µm		
d_{90}:	239.4 µm		
Specific Surf. Area	7825 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.600	6.187	21.27	88.36	239.4

168.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.52	500.0	94.9
5.000	20.8	1000	100.0
10.00	34.9	2000	100
15.00	42.8		
20.00	48.7		
25.00	53.2		
50.00	64.6		
60.00	67.7		
63.00	68.6		
70.00	70.7		
75.00	72.1		
90.00	75.3		
125.0	80.4		
200.0	88.2		
250.0	90.3		
400.0	93.3		

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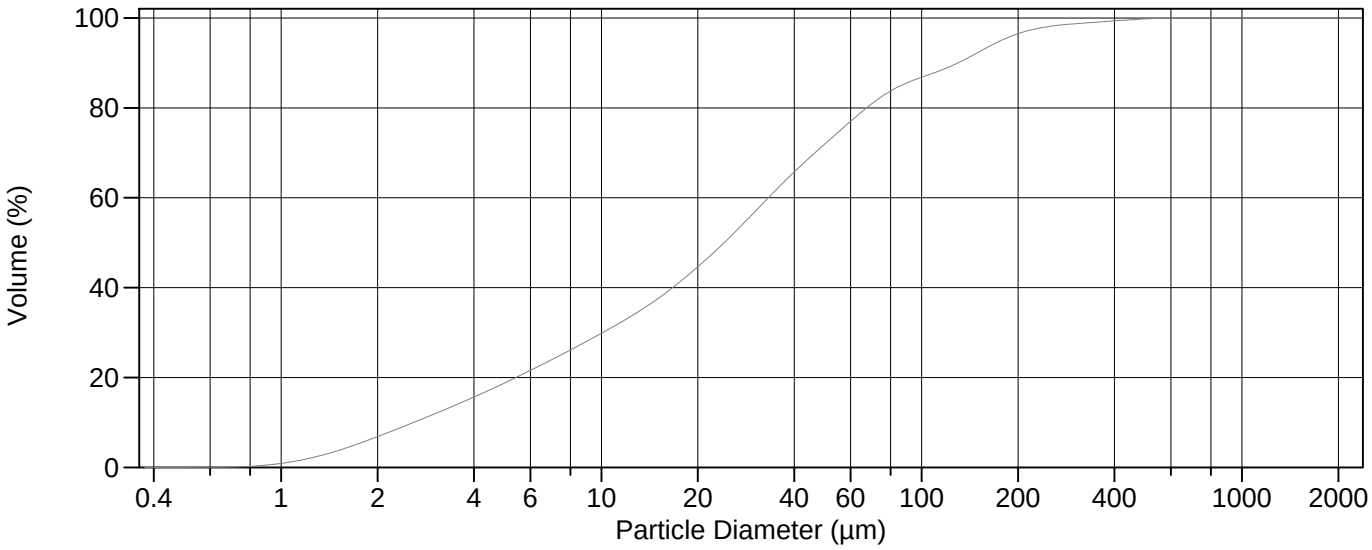

Volume Statistics (Arithmetic) 170.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	47.06 µm	95% Conf. Limits:	0-177.9 µm
Median:	24.17 µm	S.D.:	66.75 µm
D(3,2):	7.821 µm	Variance:	4455 μm^2
Mean/Median Ratio:	1.946	C.V.:	142%
Mode:	31.50 µm	Skewness:	3.224 Right skewed
d_{10}:	2.591 µm	Kurtosis:	14.51 Leptokurtic
d_{50}:	24.17 µm		
d_{90}:	129.8 µm		
Specific Surf. Area	7672 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.591	7.462	24.17	55.79	129.8

170.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.87	500.0	99.8
5.000	18.8	1000	100
10.00	29.8	2000	100
15.00	37.5		
20.00	44.6		
25.00	51.0		
50.00	72.0		
60.00	77.0		
63.00	78.3		
70.00	81.0		
75.00	82.5		
90.00	85.6		
125.0	89.5		
200.0	96.5		
250.0	98.1		
400.0	99.4		

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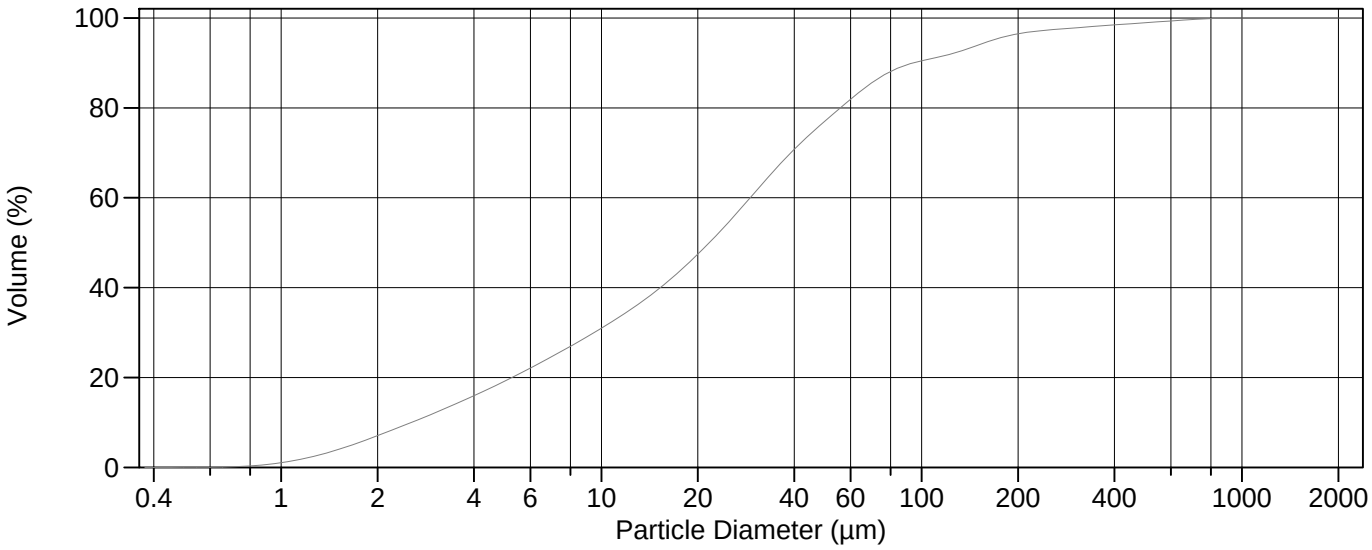

Volume Statistics (Arithmetic) 171#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	45.57 µm	95% Conf. Limits:	0-214.6 µm
Median:	21.73 µm	S.D.:	86.24 µm
D(3,2):	7.489 µm	Variance:	7437 μm^2
Mean/Median Ratio:	2.097	C.V.:	189%
Mode:	28.69 µm	Skewness:	5.174 Right skewed
d_{10}:	2.552 µm	Kurtosis:	33.65 Leptokurtic
d_{50}:	21.73 µm		
d_{90}:	94.19 µm		
Specific Surf. Area	8011 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.552	7.148	21.73	46.28	94.19

171#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.06	500.0	99.0
5.000	19.2	1000	100.0
10.00	31.0	2000	100
15.00	39.5		
20.00	47.4		
25.00	54.6		
50.00	77.1		
60.00	81.9		
63.00	83.2		
70.00	85.6		
75.00	87.0		
90.00	89.6		
125.0	92.1		
200.0	96.5		
250.0	97.3		
400.0	98.5		

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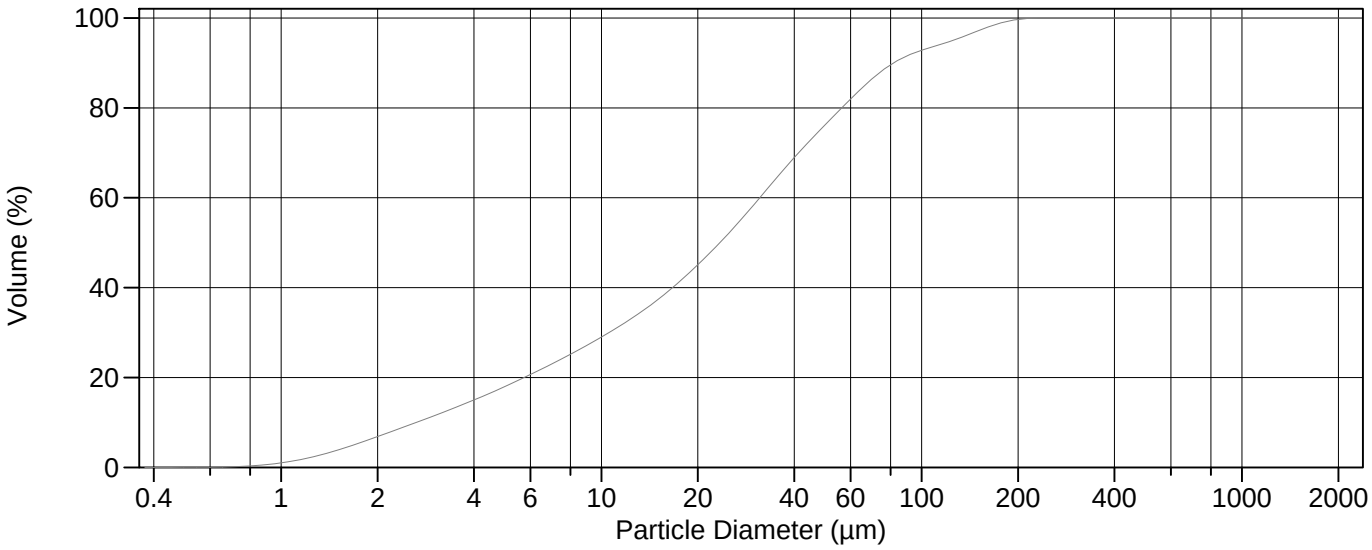

Volume Statistics (Arithmetic) 172.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	35.48 µm	95% Conf. Limits:	0-111.1 µm
Median:	23.44 µm	S.D.:	38.61 µm
D(3,2):	7.801 µm	Variance:	1491 μm^2
Mean/Median Ratio:	1.514	C.V.:	109%
Mode:	31.50 µm	Skewness:	1.951 Right skewed
d_{10}:	2.641 µm	Kurtosis:	4.159 Leptokurtic
d_{50}:	23.44 µm		
d_{90}:	81.74 µm		
Specific Surf. Area	7691 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.641	7.918	23.44	48.04	81.74

172.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.85	500.0	100
5.000	18.0	1000	100
10.00	29.0	2000	100
15.00	37.3		
20.00	45.1		
25.00	52.1		
50.00	76.2		
60.00	81.9		
63.00	83.5		
70.00	86.5		
75.00	88.2		
90.00	91.6		
125.0	95.0		
200.0	99.7		
250.0	100.0		
400.0	100		

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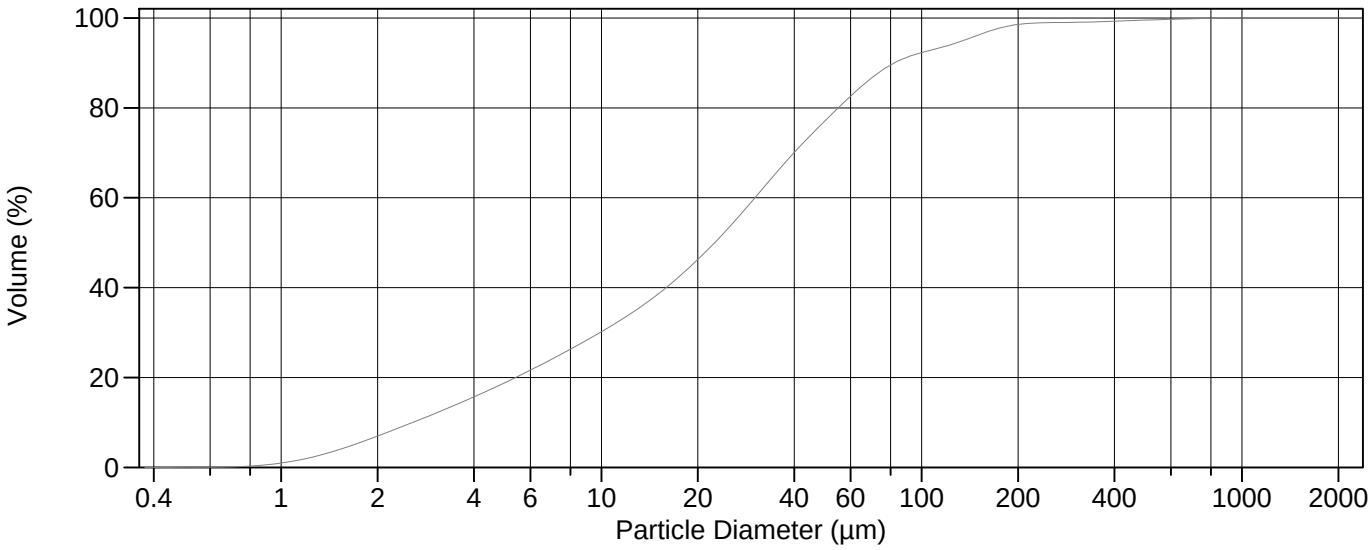

Volume Statistics (Arithmetic) 173.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	39.03 µm	95% Conf. Limits:	0-164.2 µm
Median:	22.57 µm	S.D.:	63.86 µm
D(3,2):	7.621 µm	Variance:	4078 μm^2
Mean/Median Ratio:	1.729	C.V.:	164%
Mode:	31.50 µm	Skewness:	6.317 Right skewed
d_{10}:	2.577 µm	Kurtosis:	58.51 Leptokurtic
d_{50}:	22.57 µm		
d_{90}:	82.15 µm		
Specific Surf. Area	7873 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.577	7.403	22.57	46.62	82.15

173.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.96	500.0	99.5
5.000	18.9	1000	100.0
10.00	30.2	2000	100
15.00	38.5		
20.00	46.3		
25.00	53.4		
50.00	77.1		
60.00	82.6		
63.00	84.0		
70.00	86.8		
75.00	88.3		
90.00	91.2		
125.0	94.2		
200.0	98.6		
250.0	99.0		
400.0	99.3		

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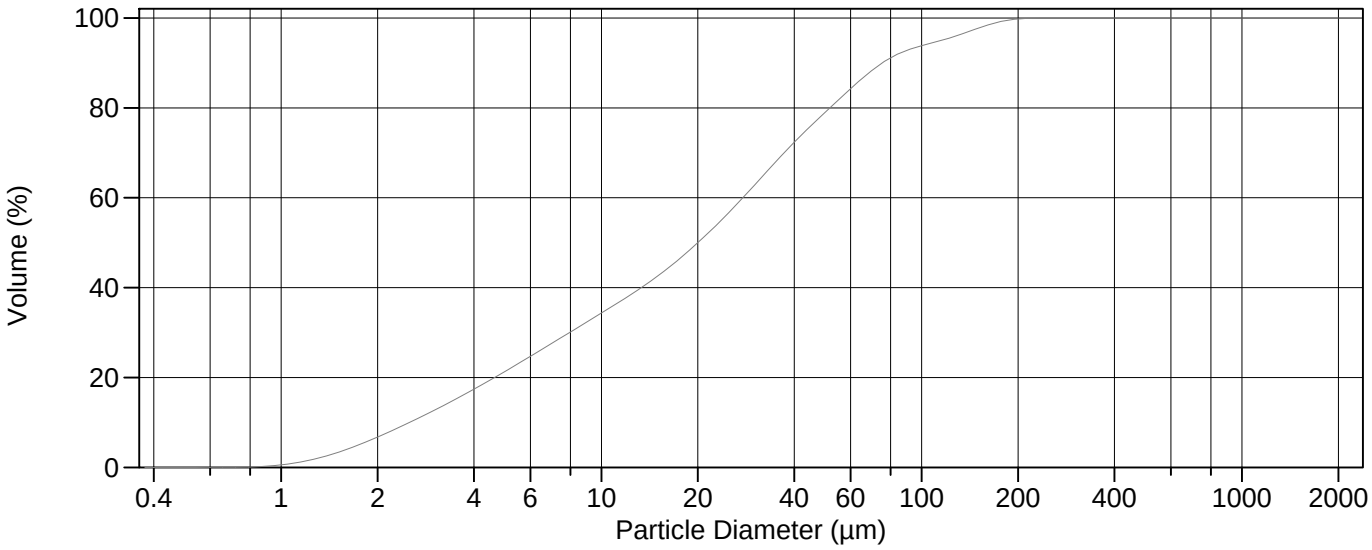

Volume Statistics (Arithmetic) 174.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	32.08 µm	95% Conf. Limits:	0-103.8 µm
Median:	20.00 µm	S.D.:	36.61 µm
D(3,2):	7.318 µm	Variance:	1340 μm^2
Mean/Median Ratio:	1.604	C.V.:	114%
Mode:	31.50 µm	Skewness:	2.054 Right skewed
d_{10}:	2.518 µm	Kurtosis:	4.704 Leptokurtic
d_{50}:	20.00 µm		
d_{90}:	75.33 µm		
Specific Surf. Area	8199 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.518	6.093	20.00	43.59	75.33

174.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.76	500.0	100
5.000	21.3	1000	100
10.00	34.3	2000	100
15.00	42.6		
20.00	50.0		
25.00	56.7		
50.00	79.0		
60.00	84.2		
63.00	85.6		
70.00	88.4		
75.00	89.9		
90.00	92.8		
125.0	95.8		
200.0	99.8		
250.0	100.0		
400.0	100		

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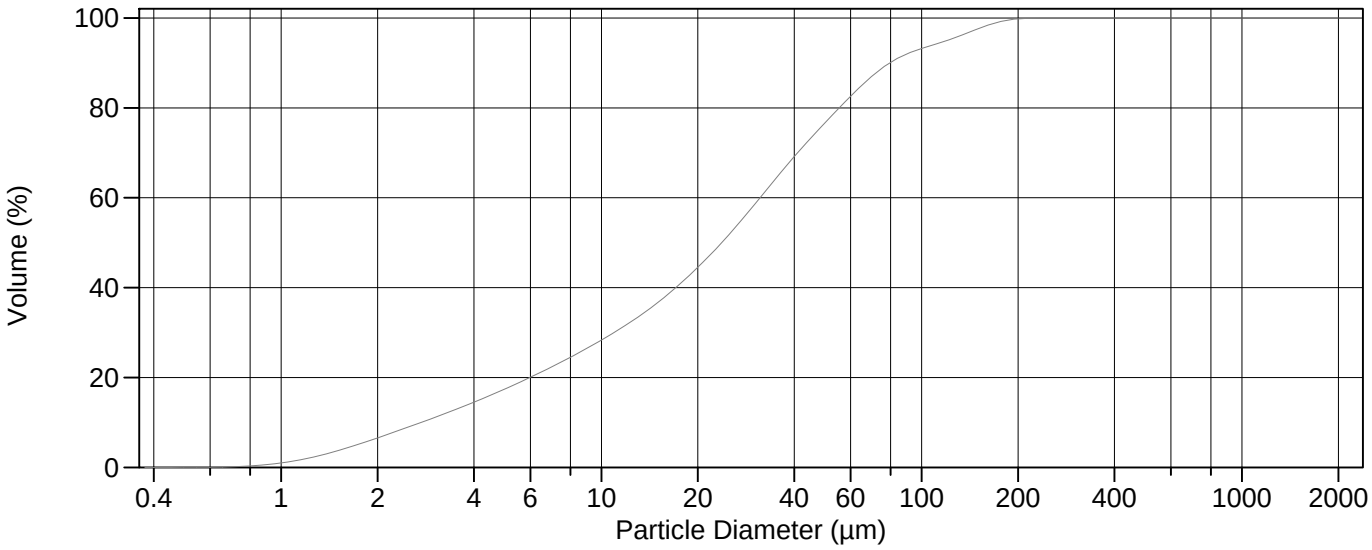

Volume Statistics (Arithmetic) 175.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	34.93 µm	95% Conf. Limits:	0-107.6 µm
Median:	23.75 µm	S.D.:	37.09 µm
D(3,2):	7.963 µm	Variance:	1375 μm^2
Mean/Median Ratio:	1.471	C.V.:	106%
Mode:	31.50 µm	Skewness:	1.911 Right skewed
d_{10}:	2.735 µm	Kurtosis:	4.018 Leptokurtic
d_{50}:	23.75 µm		
d_{90}:	79.59 µm		
Specific Surf. Area	7535 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.735	8.241	23.75	47.44	79.59

175.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.57	500.0	100
5.000	17.4	1000	100
10.00	28.3	2000	100
15.00	36.7		
20.00	44.5		
25.00	51.8		
50.00	76.7		
60.00	82.6		
63.00	84.1		
70.00	87.1		
75.00	88.8		
90.00	92.0		
125.0	95.4		
200.0	99.8		
250.0	100.0		
400.0	100		

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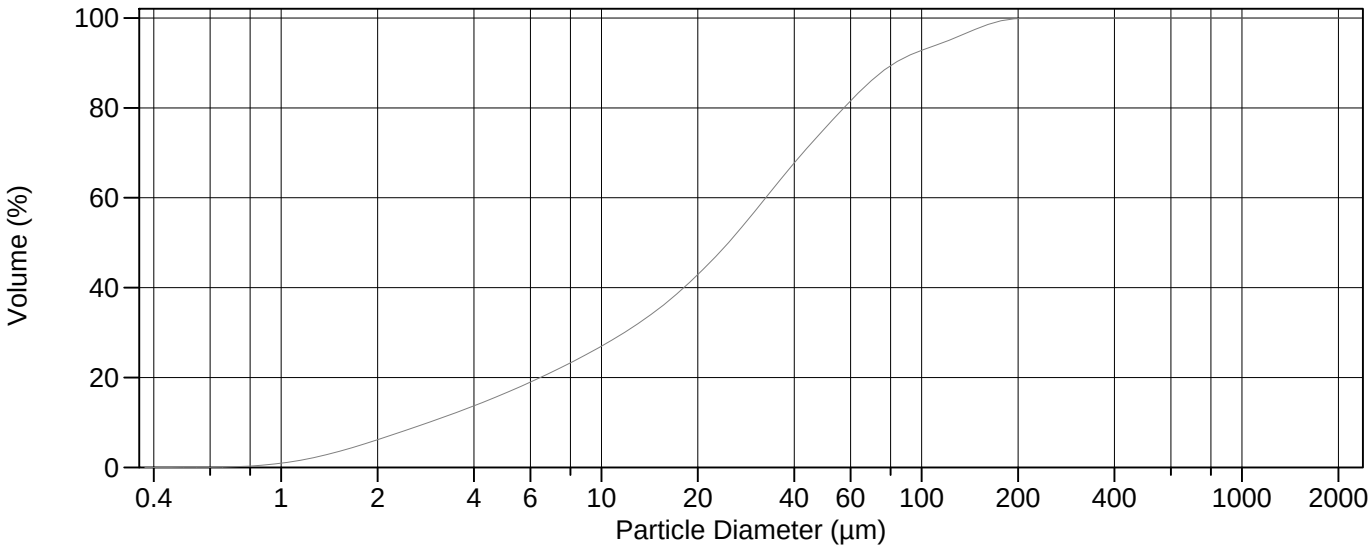

Volume Statistics (Arithmetic) 176.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	35.99 µm	95% Conf. Limits:	0-108.7 µm
Median:	24.91 µm	S.D.:	37.12 µm
D(3,2):	8.323 µm	Variance:	1378 μm^2
Mean/Median Ratio:	1.445	C.V.:	103%
Mode:	31.50 µm	Skewness:	1.791 Right skewed
d_{10}:	2.887 µm	Kurtosis:	3.406 Leptokurtic
d_{50}:	24.91 µm		
d_{90}:	82.50 µm		
Specific Surf. Area	7209 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.887	8.908	24.91	49.24	82.50

176.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.16	500.0	100
5.000	16.5	1000	100
10.00	27.0	2000	100
15.00	35.1		
20.00	42.9		
25.00	50.1		
50.00	75.5		
60.00	81.5		
63.00	83.1		
70.00	86.2		
75.00	88.0		
90.00	91.4		
125.0	95.4		
200.0	99.9		
250.0	100.0		
400.0	100		

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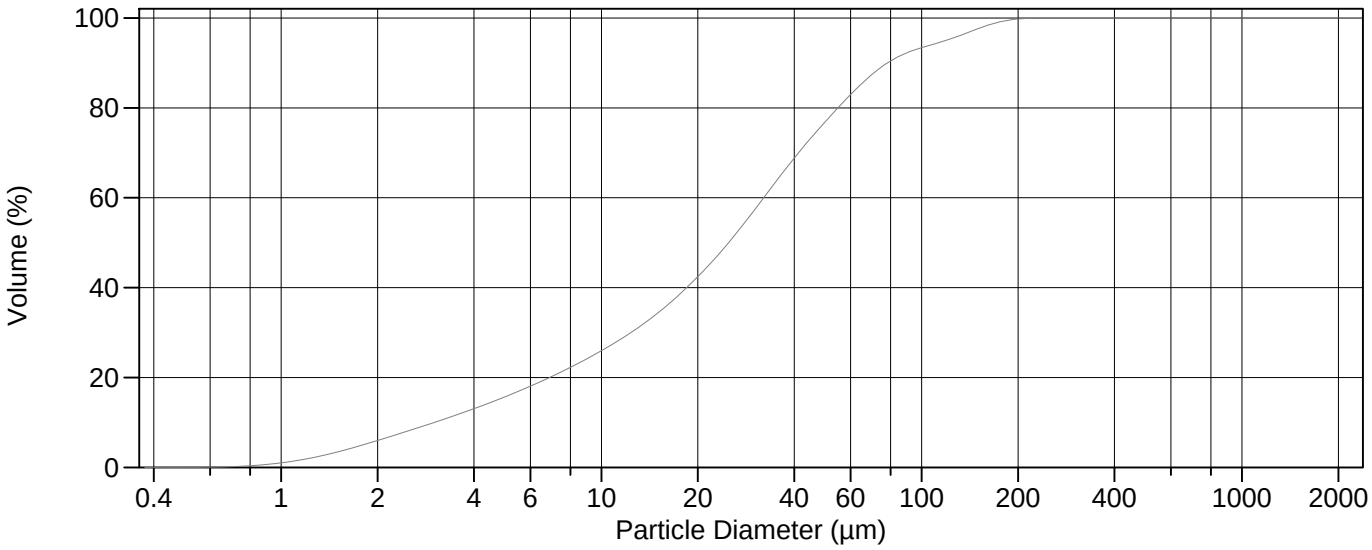

Volume Statistics (Arithmetic) 177.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	35.37 µm	95% Conf. Limits:	0-107.1 µm
Median:	24.94 µm	S.D.:	36.60 µm
D(3,2):	8.463 µm	Variance:	1340 μm^2
Mean/Median Ratio:	1.418	C.V.:	103%
Mode:	31.50 µm	Skewness:	1.955 Right skewed
d_{10}:	3.008 µm	Kurtosis:	4.341 Leptokurtic
d_{50}:	24.94 µm		
d_{90}:	78.19 µm		
Specific Surf. Area	7089 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.008	9.467	24.94	47.33	78.19

177.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.99	500.0	100
5.000	15.7	1000	100
10.00	26.0	2000	100
15.00	34.3		
20.00	42.4		
25.00	50.1		
50.00	76.9		
60.00	82.9		
63.00	84.5		
70.00	87.5		
75.00	89.1		
90.00	92.3		
125.0	95.5		
200.0	99.8		
250.0	100.0		
400.0	100		

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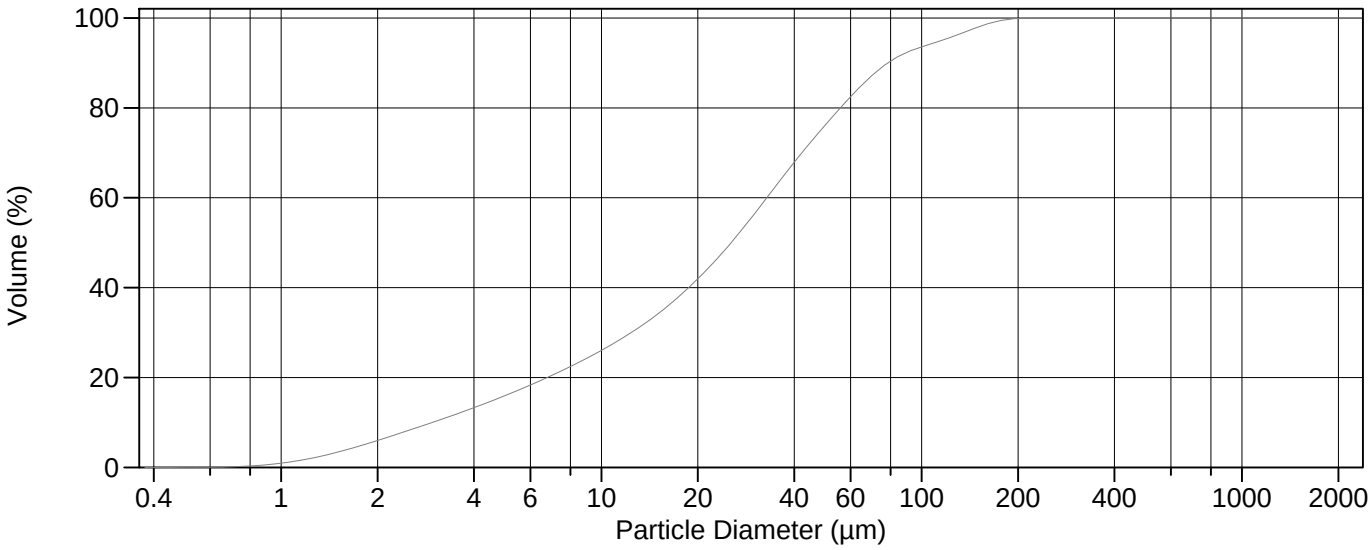

Volume Statistics (Arithmetic) 178.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	35.42 µm	95% Conf. Limits:	0-105.4 µm
Median:	25.42 µm	S.D.:	35.73 µm
D(3,2):	8.492 µm	Variance:	1276 μm^2
Mean/Median Ratio:	1.393	C.V.:	101%
Mode:	34.58 µm	Skewness:	1.830 Right skewed
d_{10}:	2.965 µm	Kurtosis:	3.771 Leptokurtic
d_{50}:	25.42 µm		
d_{90}:	78.52 µm		
Specific Surf. Area	7065 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.965	9.400	25.42	48.41	78.52

178.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.00	500.0	100
5.000	16.0	1000	100
10.00	26.0	2000	100
15.00	34.1		
20.00	42.0		
25.00	49.4		
50.00	76.1		
60.00	82.4		
63.00	84.1		
70.00	87.2		
75.00	89.0		
90.00	92.3		
125.0	95.9		
200.0	99.9		
250.0	100.0		
400.0	100		

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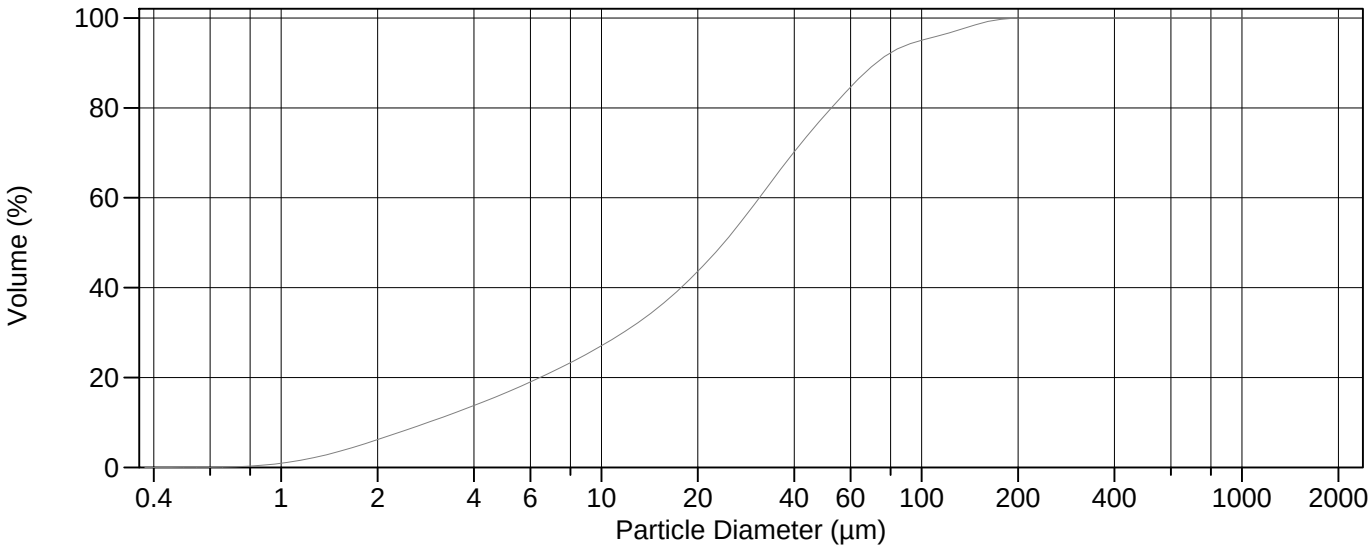


Volume Statistics (Arithmetic) 179.$02

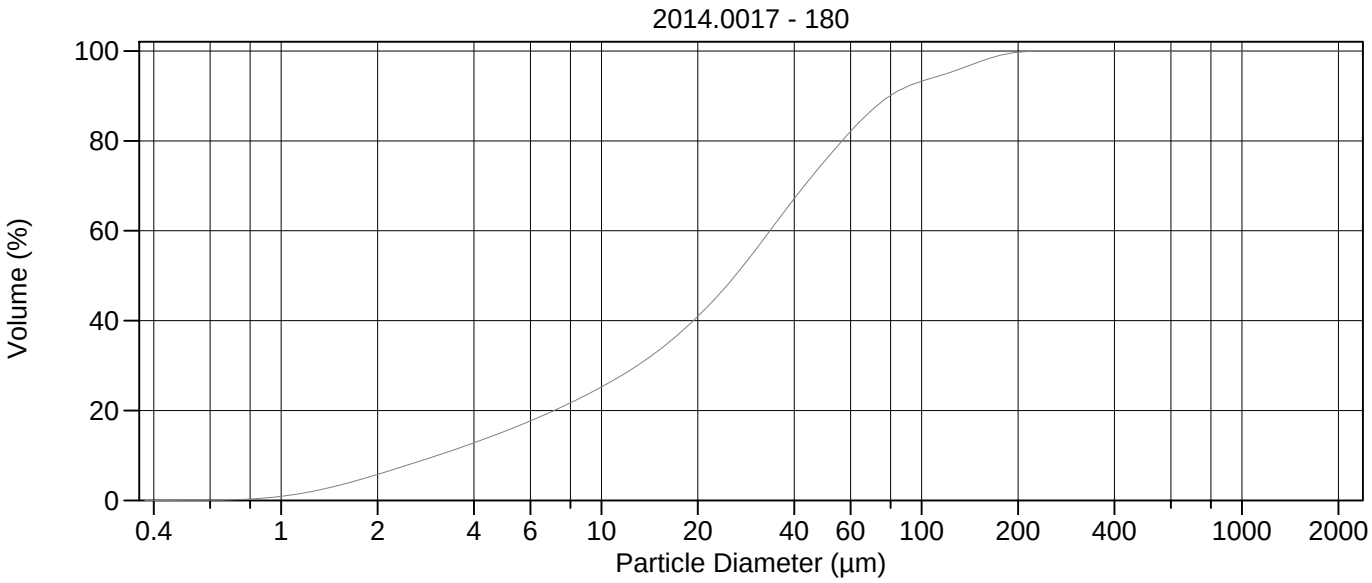
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	32.92 µm	95% Conf. Limits:	0-96.96 µm
Median:	24.14 µm	S.D.:	32.68 µm
D(3,2):	8.251 µm	Variance:	1068 μm^2
Mean/Median Ratio:	1.364	C.V.:	99.3%
Mode:	31.50 µm	Skewness:	1.857 Right skewed
d_{10}:	2.873 µm	Kurtosis:	4.163 Leptokurtic
d_{50}:	24.14 µm		
d_{90}:	72.20 µm		
Specific Surf. Area	7272 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.873	8.875	24.14	45.44	72.20

179.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.18	500.0	100
5.000	16.5	1000	100
10.00	27.1	2000	100
15.00	35.5		
20.00	43.6		
25.00	51.3		
50.00	78.4		
60.00	84.6		
63.00	86.2		
70.00	89.3		
75.00	90.9		
90.00	94.0		
125.0	96.9		
200.0	100.0		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 180.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	36.37 µm	95% Conf. Limits:	0-108.9 µm
Median:	26.16 µm	S.D.:	37.02 µm
D(3,2):	8.721 µm	Variance:	1371 μm^2
Mean/Median Ratio:	1.390	C.V.:	102%
Mode:	34.58 µm	Skewness:	1.920 Right skewed
d_{10}:	3.074 µm	Kurtosis:	4.256 Leptokurtic
d_{50}:	26.16 µm		
d_{90}:	79.68 µm		
Specific Surf. Area	6880 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.074	9.865	26.16	49.12	79.68

180.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.79	500.0	100
5.000	15.4	1000	100
10.00	25.2	2000	100
15.00	33.2		
20.00	40.9		
25.00	48.3		
50.00	75.6		
60.00	82.1		
63.00	83.7		
70.00	86.9		
75.00	88.7		
90.00	92.1		
125.0	95.4		
200.0	99.7		
250.0	100.0		
400.0	100		

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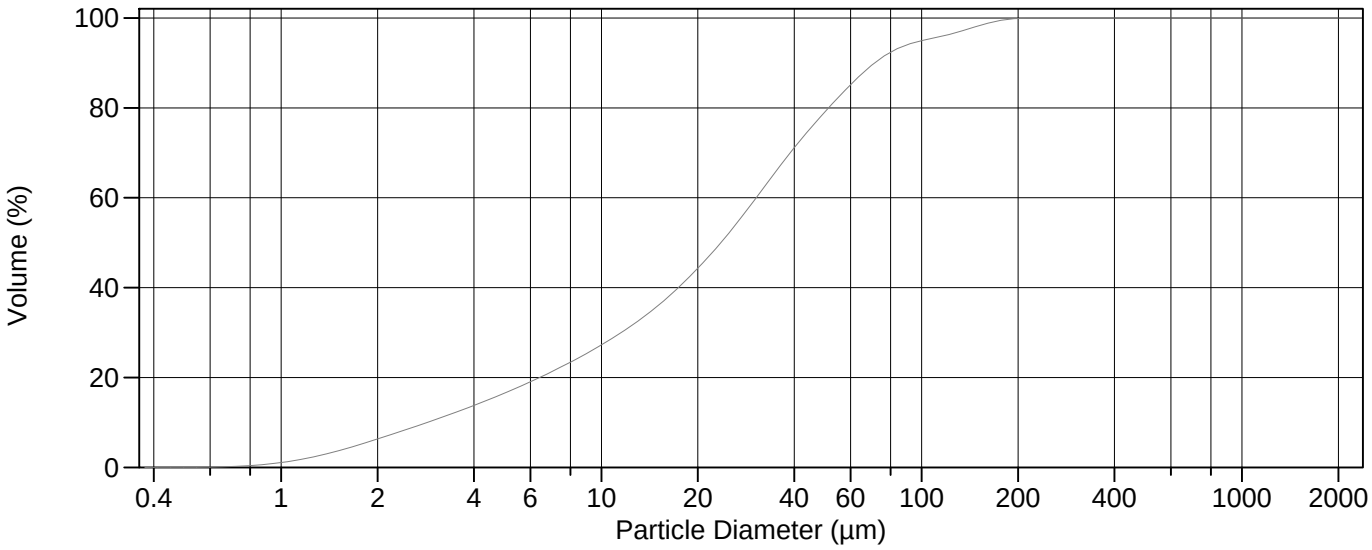

Volume Statistics (Arithmetic) 181.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	32.78 µm	95% Conf. Limits:	0-98.69 µm
Median:	23.60 µm	S.D.:	33.63 µm
D(3,2):	8.092 µm	Variance:	1131 μm^2
Mean/Median Ratio:	1.389	C.V.:	103%
Mode:	31.50 µm	Skewness:	2.035 Right skewed
d_{10}:	2.857 µm	Kurtosis:	5.062 Leptokurtic
d_{50}:	23.60 µm		
d_{90}:	71.34 µm		
Specific Surf. Area	7414 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.857	8.803	23.60	44.38	71.34

181.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.32	500.0	100
5.000	16.6	1000	100
10.00	27.3	2000	100
15.00	36.0		
20.00	44.3		
25.00	52.2		
50.00	79.2		
60.00	85.1		
63.00	86.7		
70.00	89.6		
75.00	91.2		
90.00	94.0		
125.0	96.6		
200.0	99.9		
250.0	100.0		
400.0	100		

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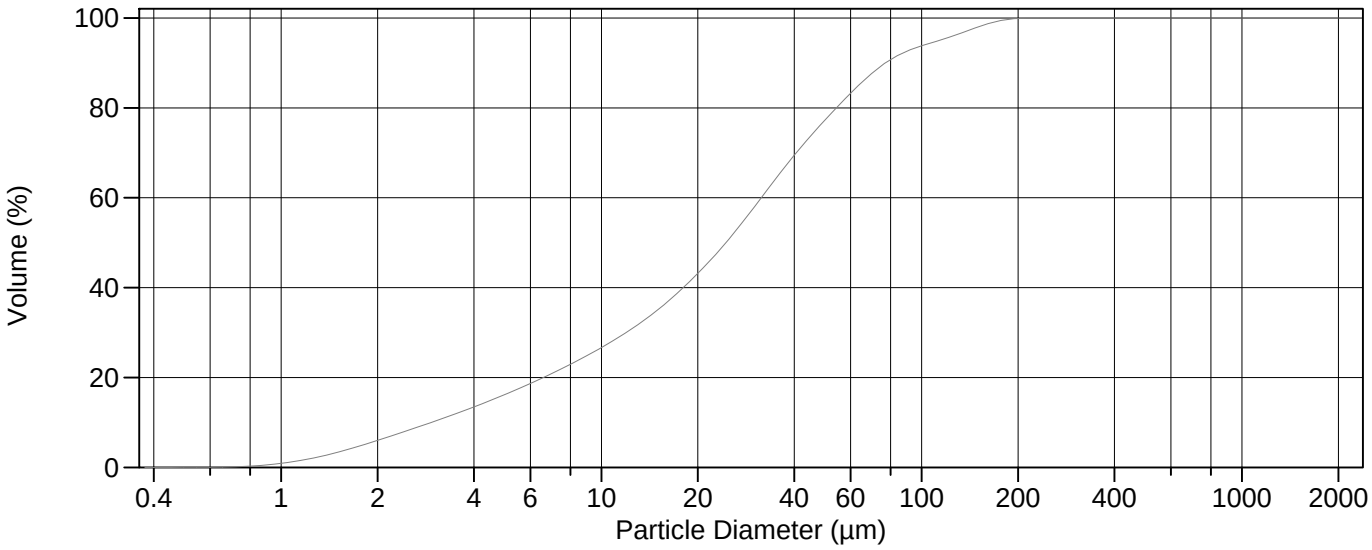

Volume Statistics (Arithmetic) 182.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	34.53 µm	95% Conf. Limits:	0-103.8 µm
Median:	24.47 µm	S.D.:	35.37 µm
D(3,2):	8.395 µm	Variance:	1251 μm^2
Mean/Median Ratio:	1.411	C.V.:	102%
Mode:	31.50 µm	Skewness:	1.891 Right skewed
d_{10}:	2.939 µm	Kurtosis:	4.043 Leptokurtic
d_{50}:	24.47 µm		
d_{90}:	76.96 µm		
Specific Surf. Area	7147 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.939	9.081	24.47	46.68	76.96

182.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.02	500.0	100
5.000	16.2	1000	100
10.00	26.7	2000	100
15.00	35.1		
20.00	43.2		
25.00	50.8		
50.00	77.3		
60.00	83.2		
63.00	84.8		
70.00	87.7		
75.00	89.4		
90.00	92.6		
125.0	96.0		
200.0	99.9		
250.0	100.0		
400.0	100		

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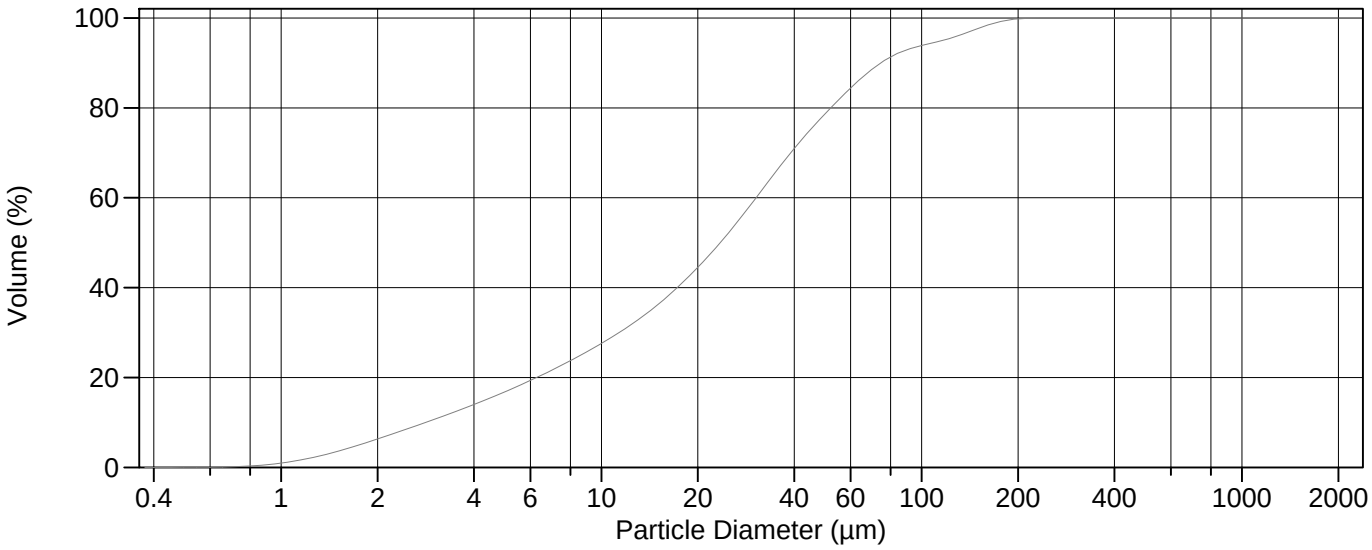

Volume Statistics (Arithmetic) 183.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	33.81 µm	95% Conf. Limits:	0-104.3 µm
Median:	23.51 µm	S.D.:	35.98 µm
D(3,2):	8.112 µm	Variance:	1294 μm^2
Mean/Median Ratio:	1.438	C.V.:	106%
Mode:	31.50 µm	Skewness:	2.061 Right skewed
d_{10}:	2.823 µm	Kurtosis:	4.850 Leptokurtic
d_{50}:	23.51 µm		
d_{90}:	74.55 µm		
Specific Surf. Area	7396 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.823	8.636	23.51	44.78	74.55

183.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.34	500.0	100
5.000	16.8	1000	100
10.00	27.6	2000	100
15.00	36.2		
20.00	44.5		
25.00	52.3		
50.00	78.7		
60.00	84.4		
63.00	85.8		
70.00	88.6		
75.00	90.1		
90.00	92.9		
125.0	95.7		
200.0	99.8		
250.0	100.0		
400.0	100		

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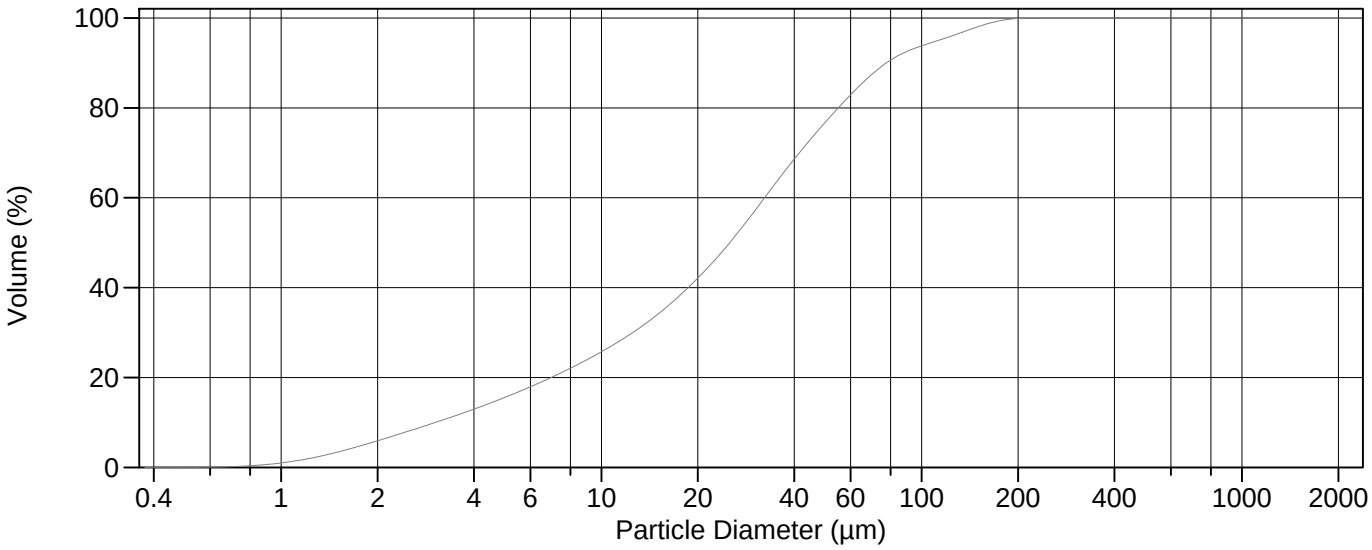

Volume Statistics (Arithmetic) 184.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	35.00 µm	95% Conf. Limits:	0-104.0 µm
Median:	25.15 µm	S.D.:	35.21 µm
D(3,2):	8.528 µm	Variance:	1240 µm^2
Mean/Median Ratio:	1.392	C.V.:	101%
Mode:	31.50 µm	Skewness:	1.856 Right skewed
d_{10}:	3.033 µm	Kurtosis:	3.939 Leptokurtic
d_{50}:	25.15 µm		
d_{90}:	77.52 µm		
Specific Surf. Area	7035 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.033	9.599	25.15	47.54	77.52

184.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.92	500.0	100
5.000	15.6	1000	100
10.00	25.7	2000	100
15.00	34.0		
20.00	42.1		
25.00	49.8		
50.00	76.7		
60.00	82.9		
63.00	84.5		
70.00	87.5		
75.00	89.2		
90.00	92.6		
125.0	96.1		
200.0	99.9		
250.0	100.0		
400.0	100		

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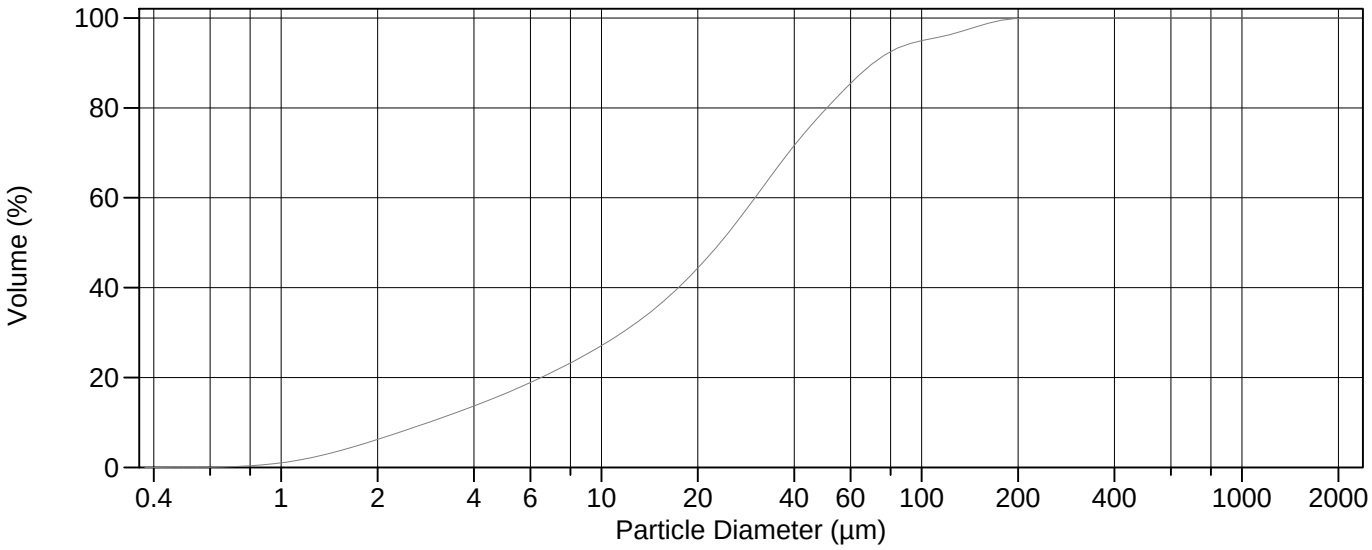

Volume Statistics (Arithmetic) 185.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	32.64 µm	95% Conf. Limits:	0-98.53 µm
Median:	23.50 µm	S.D.:	33.62 µm
D(3,2):	8.174 µm	Variance:	1130 μm^2
Mean/Median Ratio:	1.389	C.V.:	103%
Mode:	31.50 µm	Skewness:	2.071 Right skewed
d_{10}:	2.884 µm	Kurtosis:	5.217 Leptokurtic
d_{50}:	23.50 µm		
d_{90}:	70.72 µm		
Specific Surf. Area	7341 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.884	8.891	23.50	43.76	70.72

185.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.23	500.0	100
5.000	16.4	1000	100
10.00	27.1	2000	100
15.00	35.9		
20.00	44.4		
25.00	52.4		
50.00	79.6		
60.00	85.4		
63.00	86.9		
70.00	89.8		
75.00	91.3		
90.00	94.1		
125.0	96.5		
200.0	99.9		
250.0	100.0		
400.0	100		

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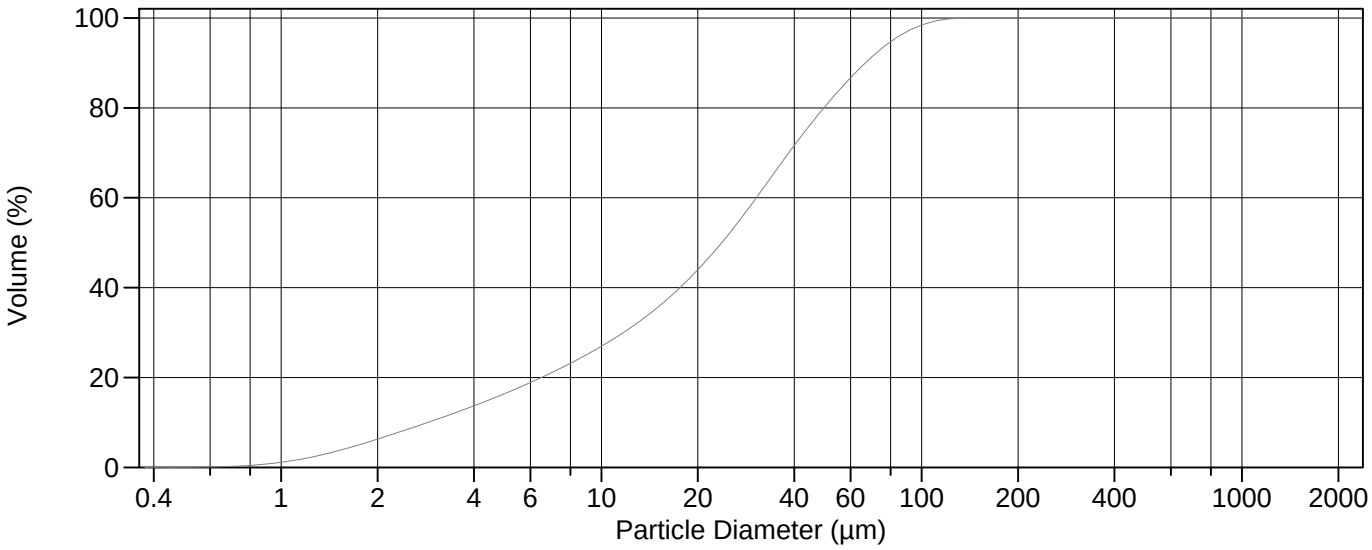

Volume Statistics (Arithmetic) 186.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	29.74 µm	95% Conf. Limits:	0-79.37 µm
Median:	23.76 µm	S.D.:	25.32 µm
D(3,2):	8.072 µm	Variance:	641.3 μm^2
Mean/Median Ratio:	1.252	C.V.:	85.2%
Mode:	34.58 µm	Skewness:	1.094 Right skewed
d_{10}:	2.871 µm	Kurtosis:	0.831 Leptokurtic
d_{50}:	23.76 µm		
d_{90}:	66.78 µm		
Specific Surf. Area	7433 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.871	8.945	23.76	43.45	66.78

186.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.30	500.0	100
5.000	16.4	1000	100
10.00	27.0	2000	100
15.00	35.6		
20.00	44.0		
25.00	51.9		
50.00	80.3		
60.00	86.7		
63.00	88.3		
70.00	91.4		
75.00	93.2		
90.00	97.0		
125.0	99.8		
200.0	100		
250.0	100		
400.0	100		

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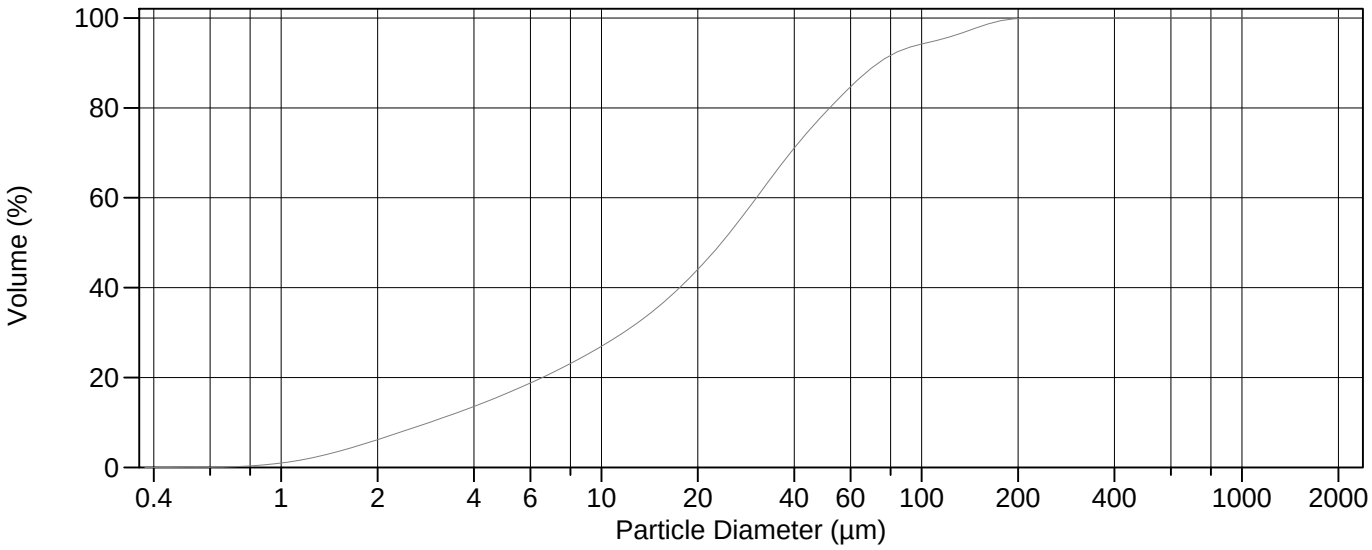

Volume Statistics (Arithmetic) 187.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	33.49 µm	95% Conf. Limits:	0-101.9 µm
Median:	23.72 µm	S.D.:	34.88 µm
D(3,2):	8.249 µm	Variance:	1217 μm^2
Mean/Median Ratio:	1.412	C.V.:	104%
Mode:	31.50 µm	Skewness:	2.029 Right skewed
d_{10}:	2.901 µm	Kurtosis:	4.765 Leptokurtic
d_{50}:	23.72 µm		
d_{90}:	73.38 µm		
Specific Surf. Area	7273 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.901	8.964	23.72	44.56	73.38

187.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.18	500.0	100
5.000	16.3	1000	100
10.00	26.9	2000	100
15.00	35.7		
20.00	44.1		
25.00	52.0		
50.00	78.9		
60.00	84.7		
63.00	86.2		
70.00	89.0		
75.00	90.5		
90.00	93.3		
125.0	96.0		
200.0	99.9		
250.0	100.0		
400.0	100		

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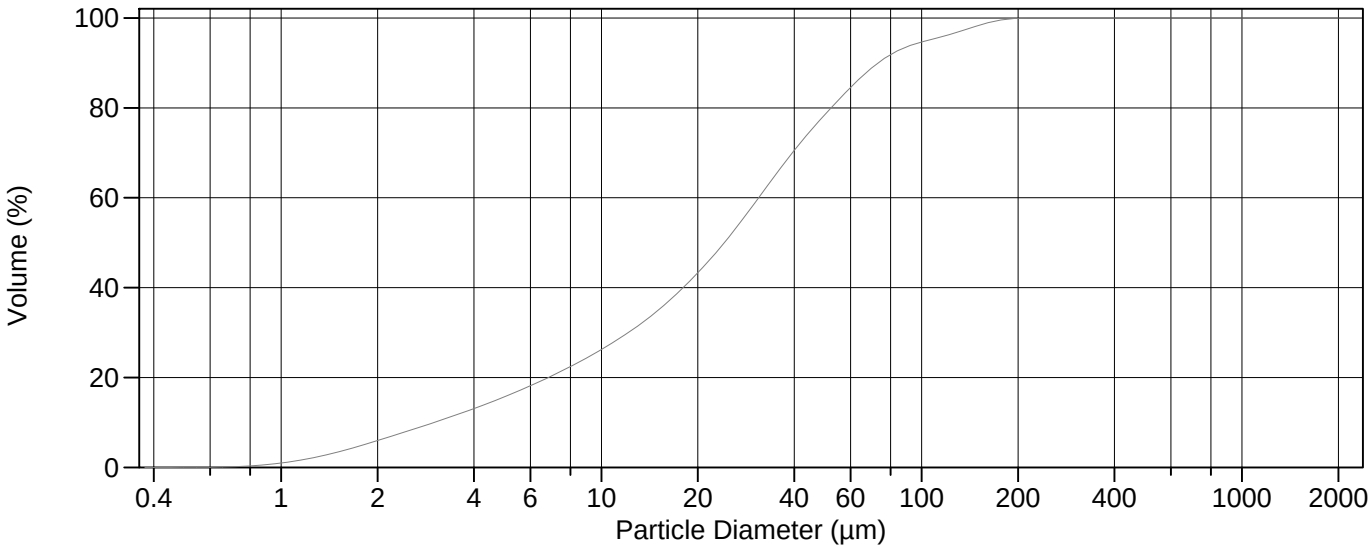

Volume Statistics (Arithmetic) 188.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	33.42 µm	95% Conf. Limits:	0-99.50 µm
Median:	24.20 µm	S.D.:	33.72 µm
D(3,2):	8.429 µm	Variance:	1137 μm^2
Mean/Median Ratio:	1.381	C.V.:	101%
Mode:	31.50 µm	Skewness:	1.952 Right skewed
d_{10}:	3.004 µm	Kurtosis:	4.554 Leptokurtic
d_{50}:	24.20 µm		
d_{90}:	73.21 µm		
Specific Surf. Area	7119 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.004	9.336	24.20	45.13	73.21

188.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.97	500.0	100
5.000	15.8	1000	100
10.00	26.2	2000	100
15.00	34.9		
20.00	43.3		
25.00	51.3		
50.00	78.6		
60.00	84.5		
63.00	86.0		
70.00	89.0		
75.00	90.6		
90.00	93.6		
125.0	96.5		
200.0	99.9		
250.0	100.0		
400.0	100		

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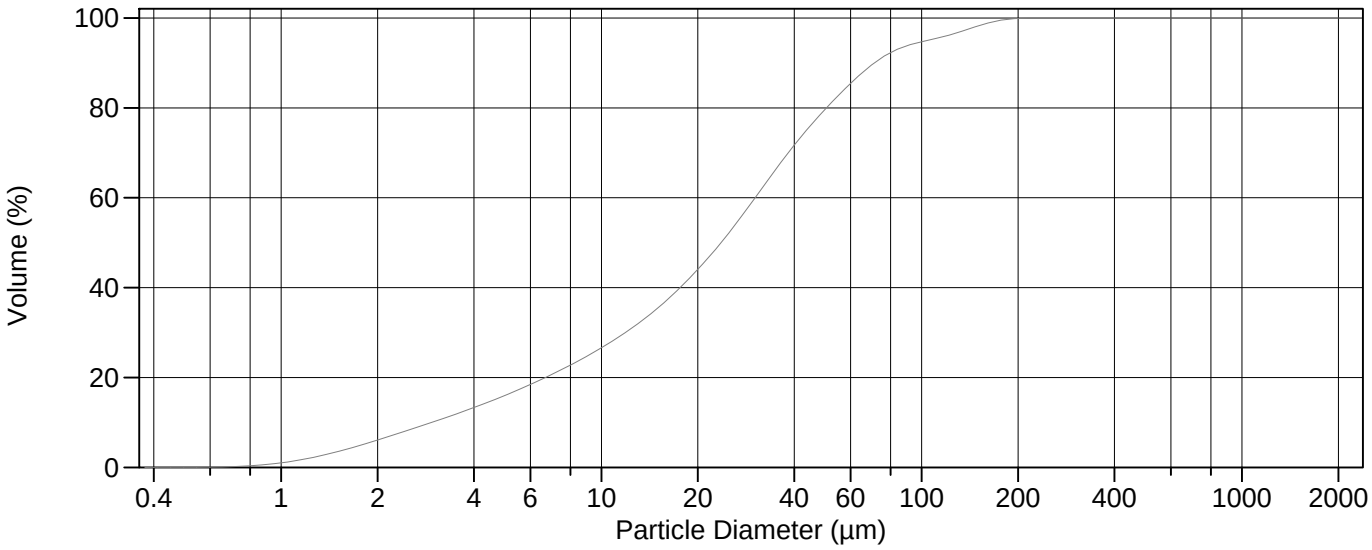

Volume Statistics (Arithmetic) 189.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	32.79 µm	95% Conf. Limits:	0-98.71 µm
Median:	23.64 µm	S.D.:	33.63 µm
D(3,2):	8.275 µm	Variance:	1131 μm^2
Mean/Median Ratio:	1.387	C.V.:	103%
Mode:	31.50 µm	Skewness:	2.044 Right skewed
d_{10}:	2.950 µm	Kurtosis:	4.988 Leptokurtic
d_{50}:	23.64 µm		
d_{90}:	71.18 µm		
Specific Surf. Area	7250 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.950	9.137	23.64	43.63	71.18

189.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.11	500.0	100
5.000	16.0	1000	100
10.00	26.6	2000	100
15.00	35.5		
20.00	44.0		
25.00	52.2		
50.00	79.7		
60.00	85.4		
63.00	86.9		
70.00	89.7		
75.00	91.1		
90.00	93.8		
125.0	96.4		
200.0	99.9		
250.0	100.0		
400.0	100		

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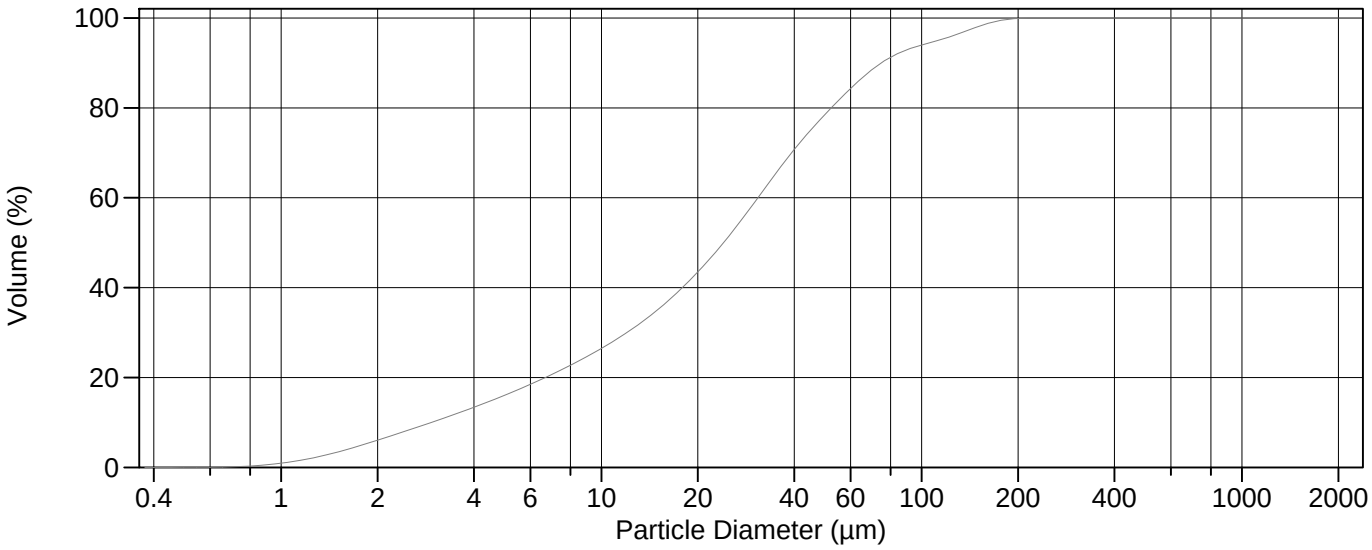

Volume Statistics (Arithmetic) 190.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	33.84 µm	95% Conf. Limits:	0-102.2 µm
Median:	24.07 µm	S.D.:	34.86 µm
D(3,2):	8.369 µm	Variance:	1215 μm^2
Mean/Median Ratio:	1.406	C.V.:	103%
Mode:	31.50 µm	Skewness:	1.962 Right skewed
d_{10}:	2.943 µm	Kurtosis:	4.385 Leptokurtic
d_{50}:	24.07 µm		
d_{90}:	74.85 µm		
Specific Surf. Area	7169 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.943	9.191	24.07	44.99	74.85

190.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.06	500.0	100
5.000	16.1	1000	100
10.00	26.5	2000	100
15.00	35.1		
20.00	43.5		
25.00	51.5		
50.00	78.6		
60.00	84.3		
63.00	85.7		
70.00	88.5		
75.00	90.0		
90.00	92.9		
125.0	96.0		
200.0	99.9		
250.0	100.0		
400.0	100		

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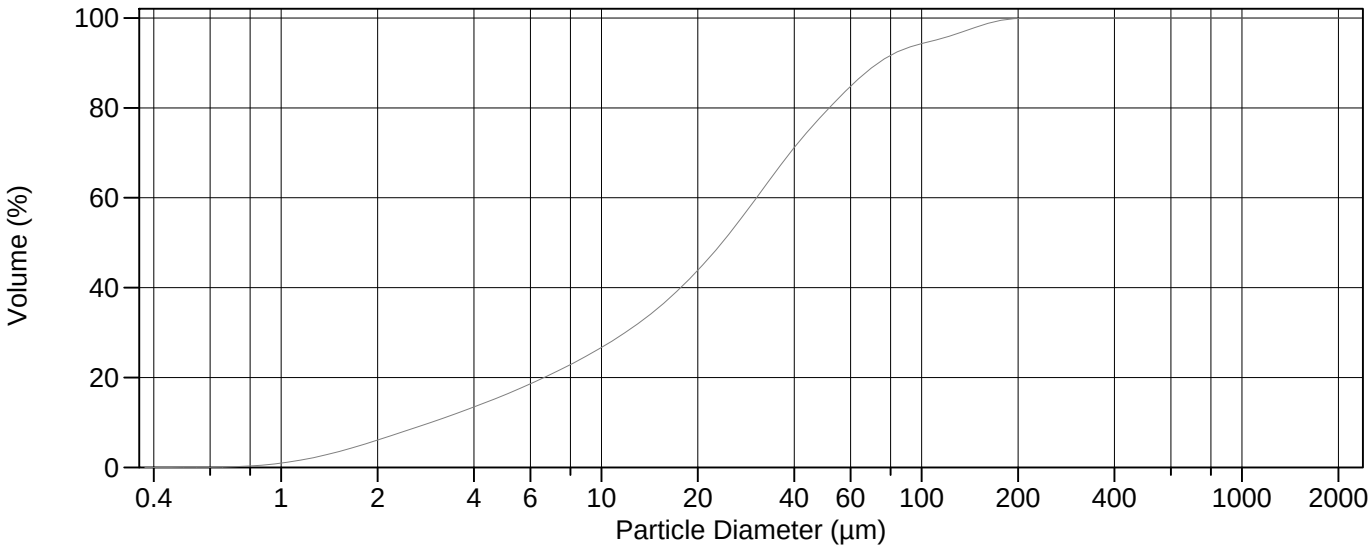

Volume Statistics (Arithmetic) 191.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	33.37 µm	95% Conf. Limits:	0-100.8 µm
Median:	23.80 µm	S.D.:	34.41 µm
D(3,2):	8.311 µm	Variance:	1184 μm^2
Mean/Median Ratio:	1.402	C.V.:	103%
Mode:	31.50 µm	Skewness:	2.001 Right skewed
d_{10}:	2.930 µm	Kurtosis:	4.654 Leptokurtic
d_{50}:	23.80 µm		
d_{90}:	73.35 µm		
Specific Surf. Area	7219 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.930	9.094	23.80	44.40	73.35

191.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.09	500.0	100
5.000	16.2	1000	100
10.00	26.7	2000	100
15.00	35.4		
20.00	43.9		
25.00	51.9		
50.00	79.0		
60.00	84.8		
63.00	86.2		
70.00	89.0		
75.00	90.5		
90.00	93.3		
125.0	96.2		
200.0	99.9		
250.0	100.0		
400.0	100		

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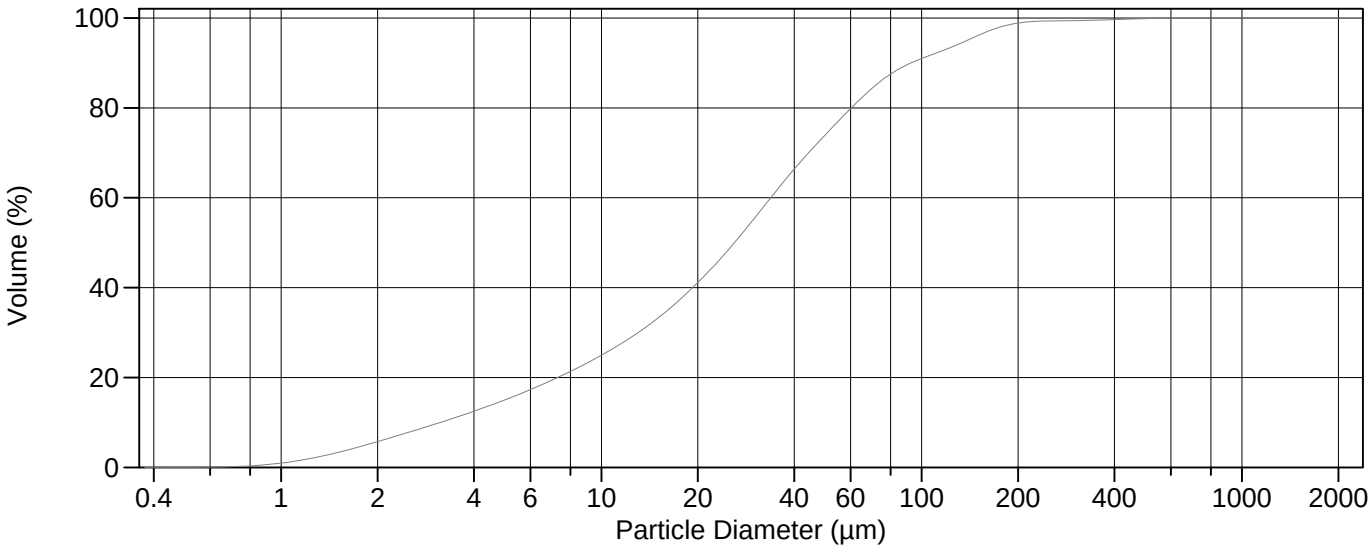

Volume Statistics (Arithmetic) 192#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	40.63 µm	95% Conf. Limits:	0-140.4 µm
Median:	26.03 µm	S.D.:	50.89 µm
D(3,2):	8.794 µm	Variance:	2589 μm^2
Mean/Median Ratio:	1.561	C.V.:	125%
Mode:	31.50 µm	Skewness:	3.953 Right skewed
d_{10}:	3.139 µm	Kurtosis:	26.50 Leptokurtic
d_{50}:	26.03 µm		
d_{90}:	92.47 µm		
Specific Surf. Area	6822 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.139	10.03	26.03	51.58	92.47

192#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.74	500.0	99.9
5.000	15.0	1000	100
10.00	25.0	2000	100
15.00	33.2		
20.00	41.1		
25.00	48.5		
50.00	74.0		
60.00	79.8		
63.00	81.4		
70.00	84.4		
75.00	86.1		
90.00	89.6		
125.0	93.6		
200.0	98.9		
250.0	99.4		
400.0	99.6		

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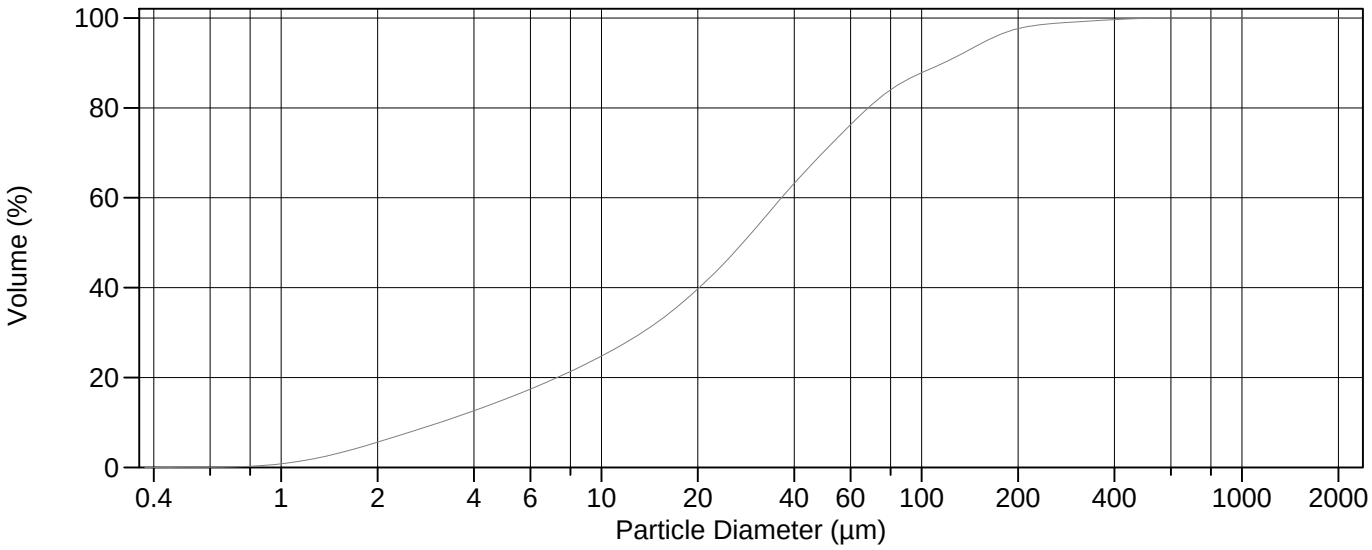

Volume Statistics (Arithmetic) 193.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	46.18 µm	95% Conf. Limits:	0-160.2 µm
Median:	27.67 µm	S.D.:	58.16 µm
D(3,2):	9.030 µm	Variance:	3382 μm^2
Mean/Median Ratio:	1.669	C.V.:	126%
Mode:	31.50 µm	Skewness:	3.097 Right skewed
d_{10}:	3.130 µm	Kurtosis:	14.43 Leptokurtic
d_{50}:	27.67 µm		
d_{90}:	117.1 µm		
Specific Surf. Area	6644 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.130	10.15	27.67	57.59	117.1

193.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.62	500.0	99.9
5.000	15.1	1000	100
10.00	24.8	2000	100
15.00	32.4		
20.00	39.7		
25.00	46.5		
50.00	70.5		
60.00	76.2		
63.00	77.8		
70.00	80.8		
75.00	82.5		
90.00	86.2		
125.0	91.0		
200.0	97.6		
250.0	98.7		
400.0	99.6		

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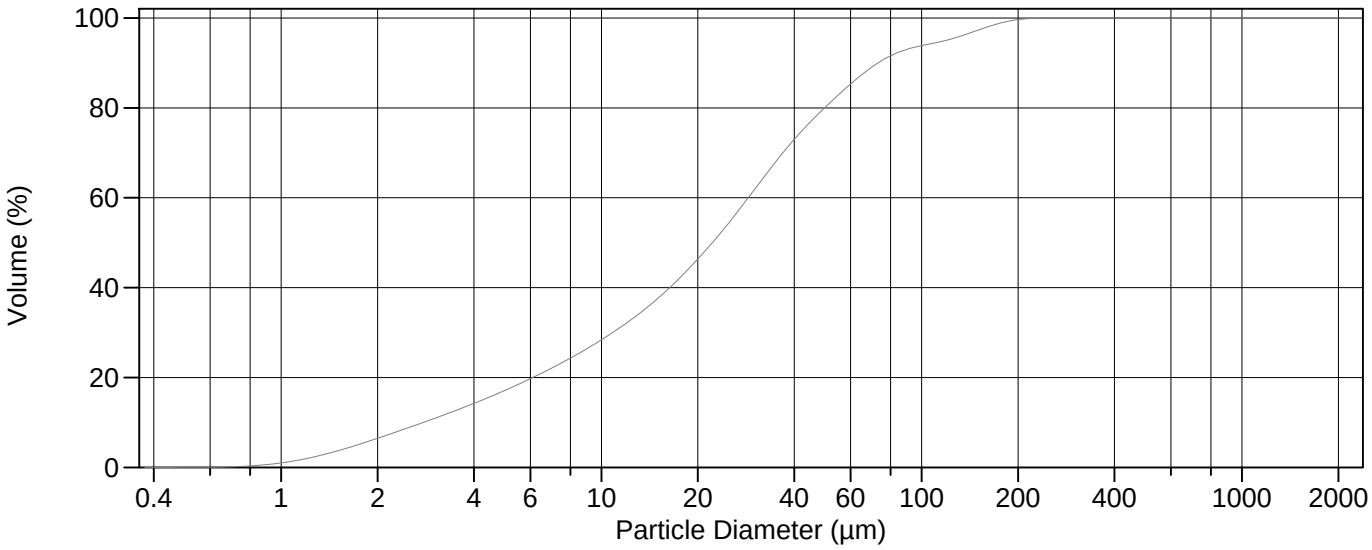


Volume Statistics (Arithmetic) 194.$02

Calculations from 0.375 µm to 2000 µm

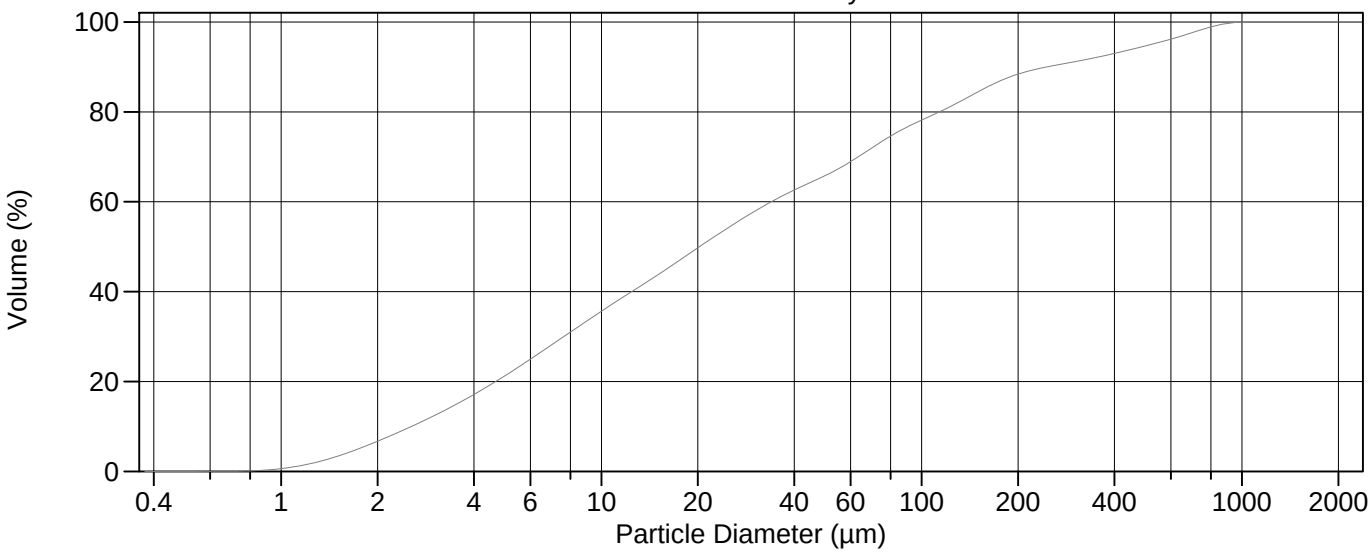
Volume	100.0%		
Mean:	33.08 µm	95% Conf. Limits:	0-105.4 µm
Median:	22.21 µm	S.D.:	36.89 µm
D(3,2):	7.928 µm	Variance:	1361 μm^2
Mean/Median Ratio:	1.490	C.V.:	112%
Mode:	31.50 µm	Skewness:	2.254 Right skewed
d_{10}:	2.778 µm	Kurtosis:	5.826 Leptokurtic
d_{50}:	22.21 µm		
d_{90}:	73.11 µm		
Specific Surf. Area	7569 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.778	8.324	22.21	42.45	73.11

194.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.47	500.0	100
5.000	17.1	1000	100
10.00	28.4	2000	100
15.00	37.6		
20.00	46.3		
25.00	54.4		
50.00	80.1		
60.00	85.3		
63.00	86.6		
70.00	89.1		
75.00	90.5		
90.00	93.0		
125.0	95.4		
200.0	99.6		
250.0	100.0		
400.0	100		

2014.0017 - stand. Hynne



Volume Statistics (Arithmetic) 195.$02

Calculations from 0.375 µm to 2000 µm

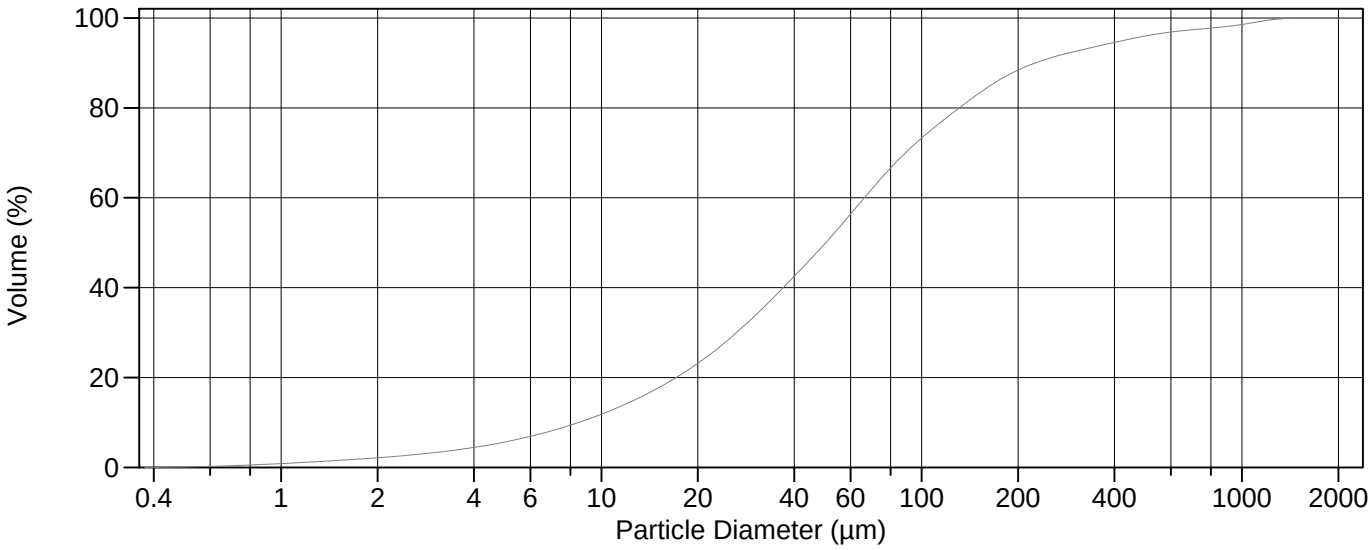
Volume	100.0%		
Mean:	89.42 µm	95% Conf. Limits:	0-419.6 µm
Median:	20.24 µm	S.D.:	168.5 µm
D(3,2):	7.494 µm	Variance:	28380 µm^2
Mean/Median Ratio:	4.417	C.V.:	188%
Mode:	18.00 µm	Skewness:	2.911 Right skewed
d_{10}:	2.551 µm	Kurtosis:	8.383 Leptokurtic
d_{50}:	20.24 µm		
d_{90}:	246.2 µm		
Specific Surf. Area	8006 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.551	6.014	20.24	81.70	246.2

195.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.71	500.0	94.7
5.000	21.3	1000	99.9
10.00	35.6	2000	100
15.00	43.7		
20.00	49.7		
25.00	54.3		
50.00	65.8		
60.00	68.9		
63.00	69.9		
70.00	72.0		
75.00	73.4		
90.00	76.6		
125.0	81.5		
200.0	88.4		
250.0	90.1		
400.0	93.0		

2014.0017 - stand. MINN



Volume Statistics (Arithmetic) 196.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	107.4 µm	95% Conf. Limits:	0-469.9 µm
Median:	50.20 µm	S.D.:	184.9 µm
D(3,2):	16.12 µm	Variance:	34202 μm^2
Mean/Median Ratio:	2.139	C.V.:	172%
Mode:	66.44 µm	Skewness:	3.994 Right skewed
d_{10}:	8.491 µm	Kurtosis:	18.29 Leptokurtic
d_{50}:	50.20 µm		
d_{90}:	226.6 µm		
Specific Surf. Area	3721 cm^2/ml		

% <	10	25	50	75	90
Size µm	8.491	21.71	50.20	106.9	226.6

196.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	2.15	500.0	96.0
5.000	5.66	1000	98.6
10.00	11.8	2000	100
15.00	17.6		
20.00	23.2		
25.00	28.5		
50.00	49.9		
60.00	56.3		
63.00	58.1		
70.00	62.0		
75.00	64.4		
90.00	70.3		
125.0	78.9		
200.0	88.4		
250.0	91.0		
400.0	94.6		

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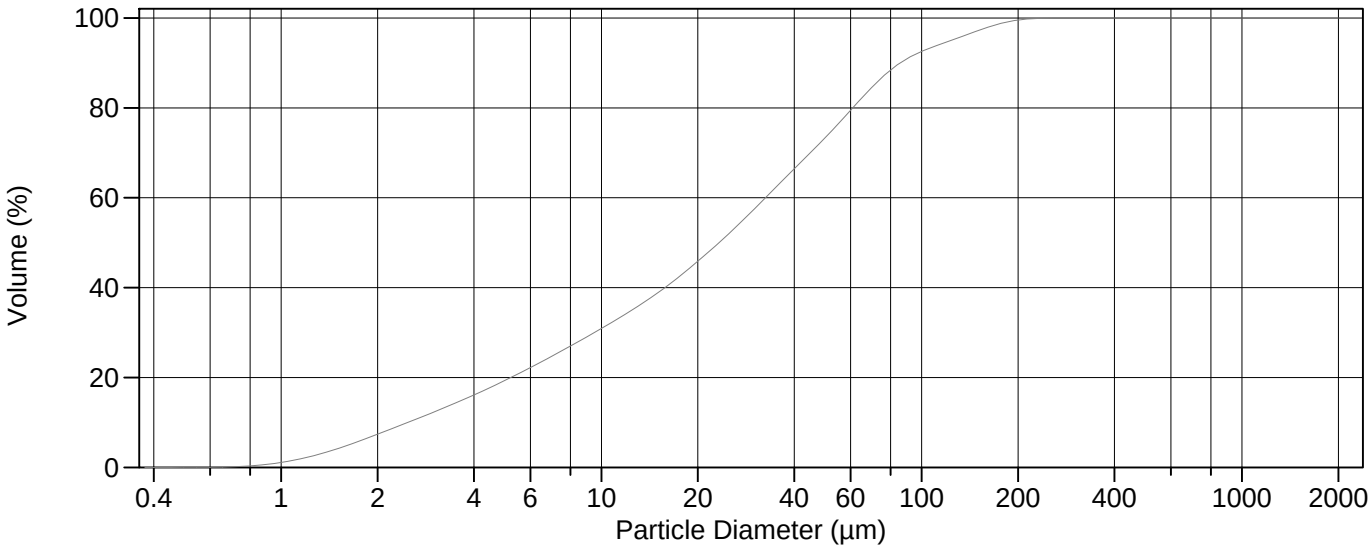

Volume Statistics (Arithmetic) 197.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	36.52 µm	95% Conf. Limits:	0-114.4 µm
Median:	23.30 µm	S.D.:	39.74 µm
D(3,2):	7.449 µm	Variance:	1579 μm^2
Mean/Median Ratio:	1.568	C.V.:	109%
Mode:	60.52 µm	Skewness:	1.842 Right skewed
d_{10}:	2.485 µm	Kurtosis:	3.817 Leptokurtic
d_{50}:	23.30 µm		
d_{90}:	85.75 µm		
Specific Surf. Area	8055 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.485	7.114	23.30	52.55	85.75

197.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.39	500.0	100
5.000	19.4	1000	100
10.00	30.9	2000	100
15.00	38.8		
20.00	45.9		
25.00	52.0		
50.00	73.4		
60.00	79.4		
63.00	81.1		
70.00	84.6		
75.00	86.7		
90.00	90.9		
125.0	95.1		
200.0	99.5		
250.0	100.0		
400.0	100		

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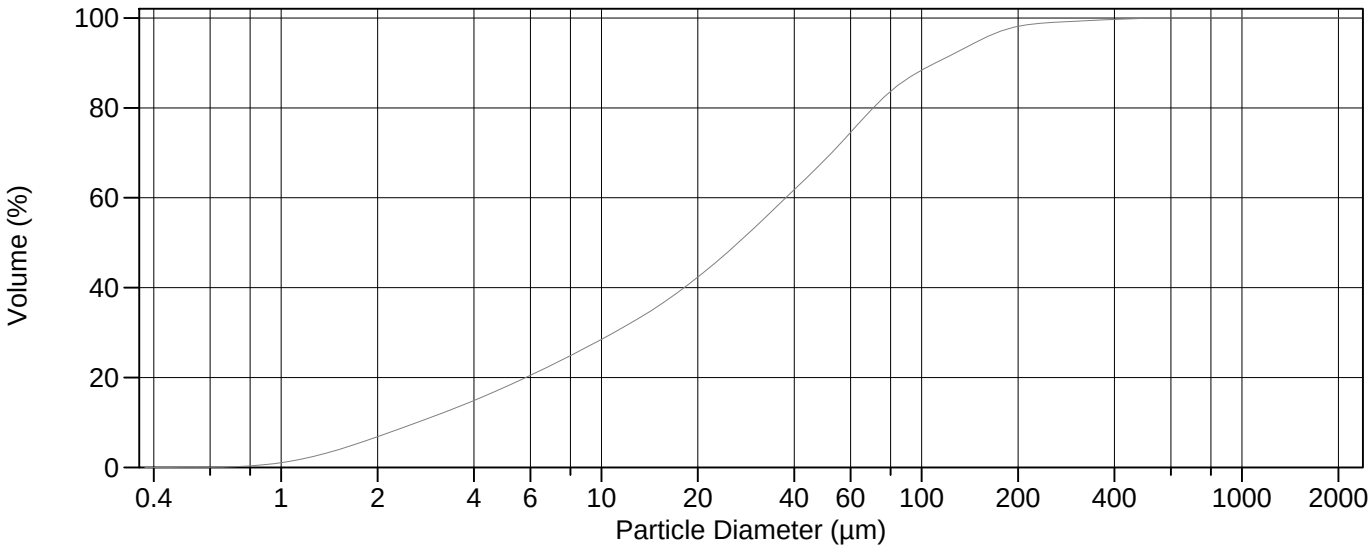

Volume Statistics (Arithmetic) 198.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	44.88 µm	95% Conf. Limits:	0-154.2 µm
Median:	26.75 µm	S.D.:	55.78 µm
D(3,2):	7.996 µm	Variance:	3111 μm^2
Mean/Median Ratio:	1.677	C.V.:	124%
Mode:	60.52 µm	Skewness:	3.110 Right skewed
d_{10}:	2.658 µm	Kurtosis:	15.98 Leptokurtic
d_{50}:	26.75 µm		
d_{90}:	110.5 µm		
Specific Surf. Area	7504 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.658	8.062	26.75	60.84	110.5

198.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.84	500.0	99.9
5.000	17.9	1000	100
10.00	28.5	2000	100
15.00	35.8		
20.00	42.4		
25.00	48.1		
50.00	68.5		
60.00	74.5		
63.00	76.2		
70.00	79.8		
75.00	81.9		
90.00	86.4		
125.0	91.9		
200.0	98.1		
250.0	99.0		
400.0	99.7		

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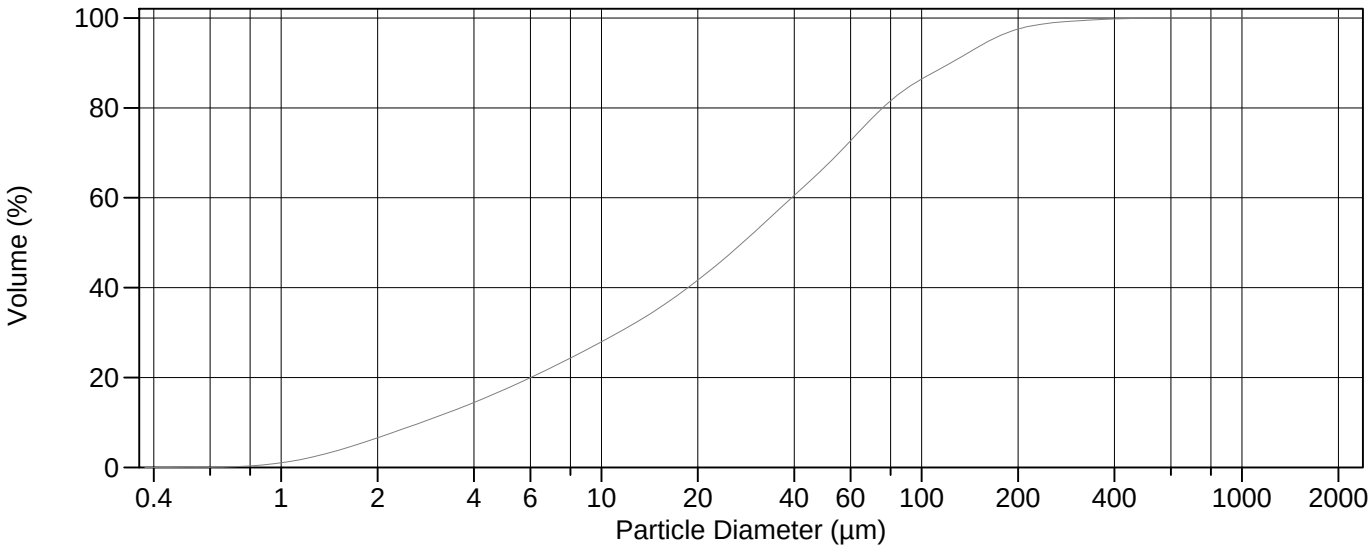

Volume Statistics (Arithmetic) 199.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	47.61 µm	95% Conf. Limits:	0-160.8 µm
Median:	27.59 µm	S.D.:	57.76 µm
D(3,2):	8.191 µm	Variance:	3336 μm^2
Mean/Median Ratio:	1.726	C.V.:	121%
Mode:	60.52 µm	Skewness:	2.576 Right skewed
d_{10}:	2.739 µm	Kurtosis:	10.25 Leptokurtic
d_{50}:	27.59 µm		
d_{90}:	123.2 µm		
Specific Surf. Area	7325 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.739	8.349	27.59	64.38	123.2

199.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.60	500.0	100.0
5.000	17.4	1000	100
10.00	27.9	2000	100
15.00	35.3		
20.00	41.7		
25.00	47.3		
50.00	66.9		
60.00	72.7		
63.00	74.3		
70.00	77.7		
75.00	79.8		
90.00	84.4		
125.0	90.2		
200.0	97.5		
250.0	98.8		
400.0	99.8		

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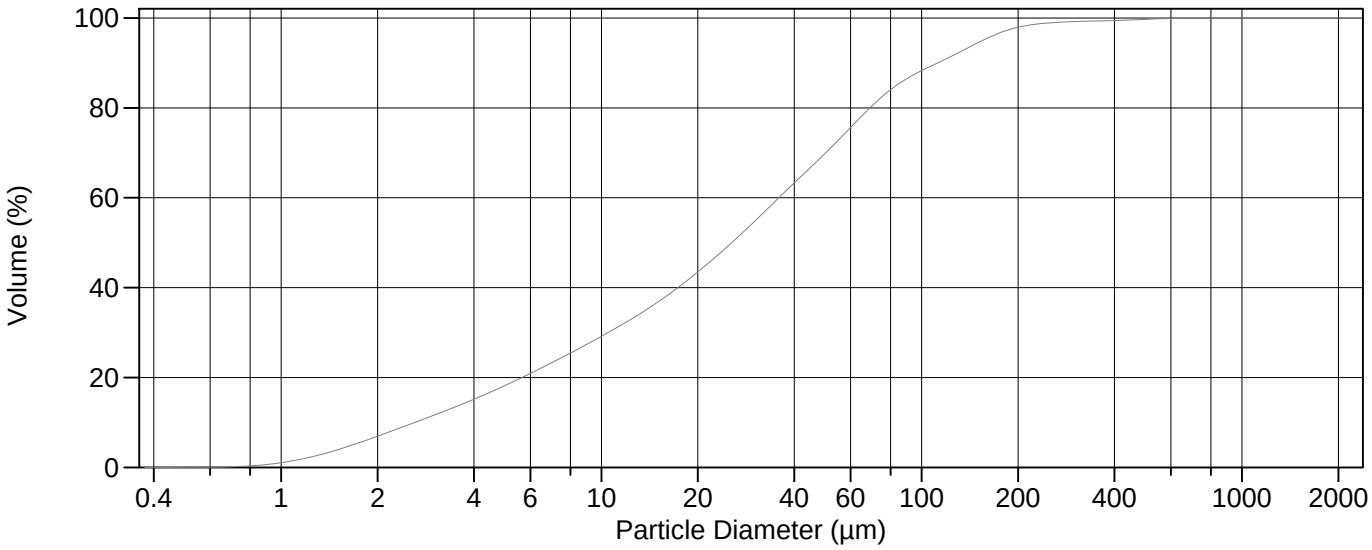

Volume Statistics (Arithmetic) 200.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	45.00 µm	95% Conf. Limits:	0-164.2 µm
Median:	25.54 µm	S.D.:	60.83 µm
D(3,2):	7.859 µm	Variance:	3701 μm^2
Mean/Median Ratio:	1.762	C.V.:	135%
Mode:	60.52 µm	Skewness:	3.896 Right skewed
d_{10}:	2.616 µm	Kurtosis:	24.76 Leptokurtic
d_{50}:	25.54 µm		
d_{90}:	112.2 µm		
Specific Surf. Area	7634 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.616	7.792	25.54	58.86	112.2

200.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.95	500.0	99.7
5.000	18.2	1000	100
10.00	29.2	2000	100
15.00	36.8		
20.00	43.5		
25.00	49.4		
50.00	69.9		
60.00	75.6		
63.00	77.2		
70.00	80.5		
75.00	82.4		
90.00	86.5		
125.0	91.6		
200.0	97.9		
250.0	98.9		
400.0	99.5		

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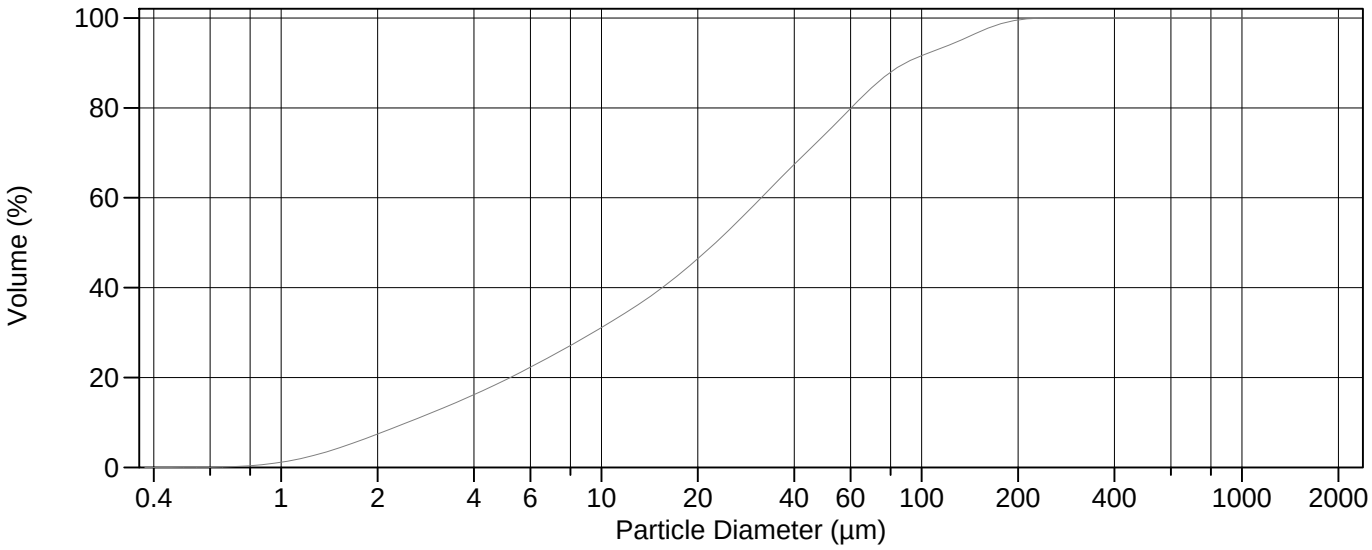

Volume Statistics (Arithmetic) 201.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	36.74 µm	95% Conf. Limits:	0-116.9 µm
Median:	22.72 µm	S.D.:	40.89 µm
D(3,2):	7.386 µm	Variance:	1672 μm^2
Mean/Median Ratio:	1.617	C.V.:	111%
Mode:	31.50 µm	Skewness:	1.835 Right skewed
d_{10}:	2.477 µm	Kurtosis:	3.463 Leptokurtic
d_{50}:	22.72 µm		
d_{90}:	89.22 µm		
Specific Surf. Area	8124 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.477	7.072	22.72	51.42	89.22

201.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.43	500.0	100
5.000	19.4	1000	100
10.00	31.1	2000	100
15.00	39.2		
20.00	46.5		
25.00	52.8		
50.00	74.1		
60.00	79.8		
63.00	81.4		
70.00	84.6		
75.00	86.4		
90.00	90.1		
125.0	94.3		
200.0	99.6		
250.0	100.0		
400.0	100		

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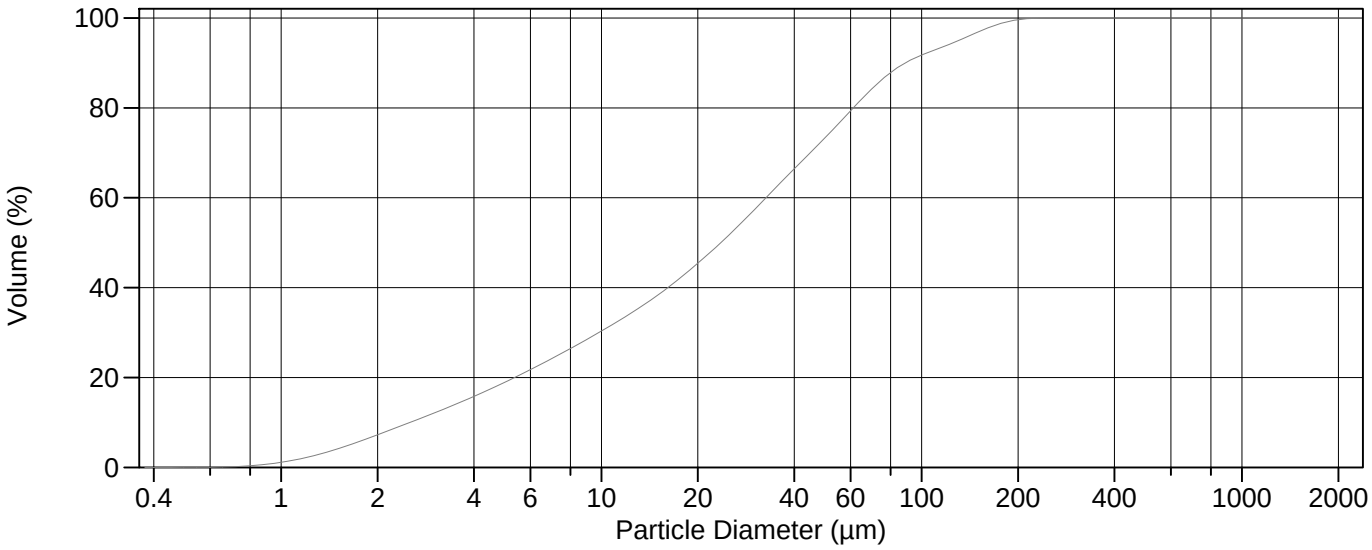

Volume Statistics (Arithmetic) 202.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	37.17 µm	95% Conf. Limits:	0-116.6 µm
Median:	23.60 µm	S.D.:	40.53 µm
D(3,2):	7.534 µm	Variance:	1643 μm^2
Mean/Median Ratio:	1.575	C.V.:	109%
Mode:	60.52 µm	Skewness:	1.787 Right skewed
d_{10}:	2.525 µm	Kurtosis:	3.295 Leptokurtic
d_{50}:	23.60 µm		
d_{90}:	89.06 µm		
Specific Surf. Area	7964 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.525	7.340	23.60	52.57	89.06

202.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.27	500.0	100
5.000	18.9	1000	100
10.00	30.3	2000	100
15.00	38.3		
20.00	45.4		
25.00	51.7		
50.00	73.4		
60.00	79.3		
63.00	81.0		
70.00	84.3		
75.00	86.2		
90.00	90.2		
125.0	94.5		
200.0	99.6		
250.0	100.0		
400.0	100		

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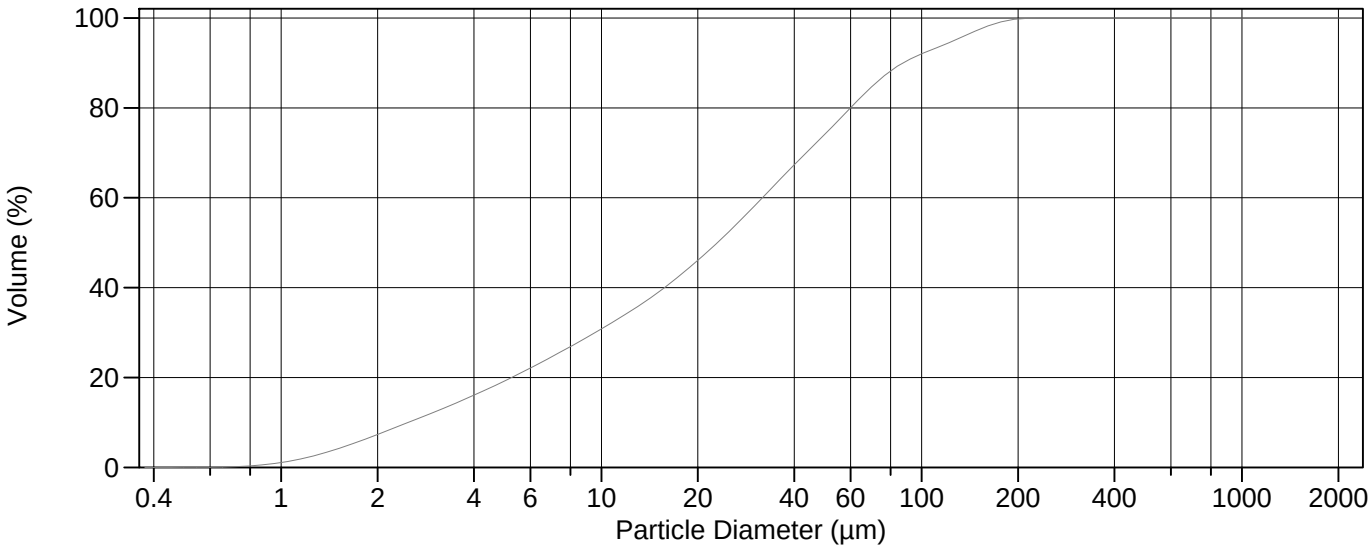


Volume Statistics (Arithmetic) 203.$02

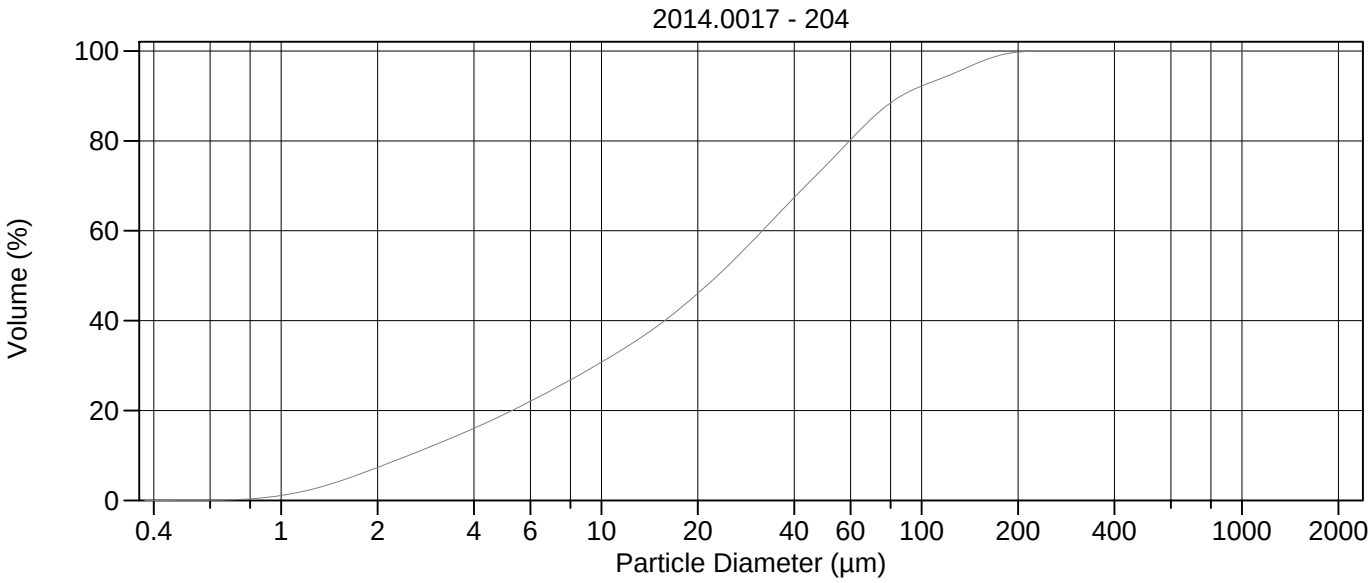
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	36.21 µm	95% Conf. Limits:	0-113.2 µm
Median:	23.01 µm	S.D.:	39.26 µm
D(3,2):	7.461 µm	Variance:	1541 μm^2
Mean/Median Ratio:	1.574	C.V.:	108%
Mode:	31.50 µm	Skewness:	1.747 Right skewed
d_{10}:	2.496 µm	Kurtosis:	3.085 Leptokurtic
d_{50}:	23.01 µm		
d_{90}:	87.57 µm		
Specific Surf. Area	8042 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.496	7.163	23.01	51.29	87.57

203.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.34	500.0	100
5.000	19.3	1000	100
10.00	30.8	2000	100
15.00	38.9		
20.00	46.1		
25.00	52.4		
50.00	74.2		
60.00	80.0		
63.00	81.6		
70.00	84.8		
75.00	86.7		
90.00	90.5		
125.0	94.9		
200.0	99.8		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 204.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	36.06 µm	95% Conf. Limits:	0-112.6 µm
Median:	23.03 µm	S.D.:	39.07 µm
D(3,2):	7.464 µm	Variance:	1526 μm^2
Mean/Median Ratio:	1.566	C.V.:	108%
Mode:	60.52 µm	Skewness:	1.766 Right skewed
d_{10}:	2.497 µm	Kurtosis:	3.198 Leptokurtic
d_{50}:	23.03 µm		
d_{90}:	86.32 µm		
Specific Surf. Area	8038 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.497	7.191	23.03	51.05	86.32

204.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.34	500.0	100
5.000	19.2	1000	100
10.00	30.7	2000	100
15.00	38.8		
20.00	46.0		
25.00	52.4		
50.00	74.3		
60.00	80.2		
63.00	81.8		
70.00	85.1		
75.00	86.9		
90.00	90.7		
125.0	94.9		
200.0	99.8		
250.0	100.0		
400.0	100		

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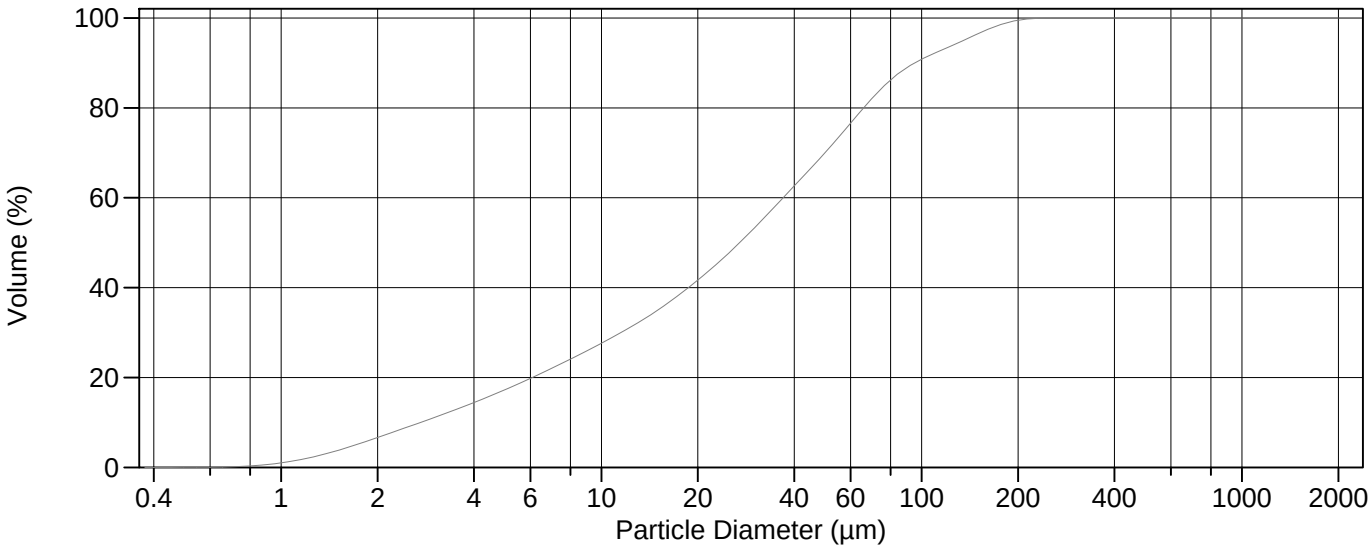

Volume Statistics (Arithmetic) 205.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	40.23 µm	95% Conf. Limits:	0-122.5 µm
Median:	27.01 µm	S.D.:	41.95 µm
D(3,2):	8.152 µm	Variance:	1760 μm^2
Mean/Median Ratio:	1.489	C.V.:	104%
Mode:	60.52 µm	Skewness:	1.671 Right skewed
d_{10}:	2.724 µm	Kurtosis:	2.871 Leptokurtic
d_{50}:	27.01 µm		
d_{90}:	95.19 µm		
Specific Surf. Area	7360 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.724	8.493	27.01	57.44	95.19

205.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.65	500.0	100
5.000	17.3	1000	100
10.00	27.6	2000	100
15.00	35.0		
20.00	41.7		
25.00	47.7		
50.00	70.1		
60.00	76.6		
63.00	78.4		
70.00	82.1		
75.00	84.3		
90.00	89.0		
125.0	93.9		
200.0	99.5		
250.0	100.0		
400.0	100		

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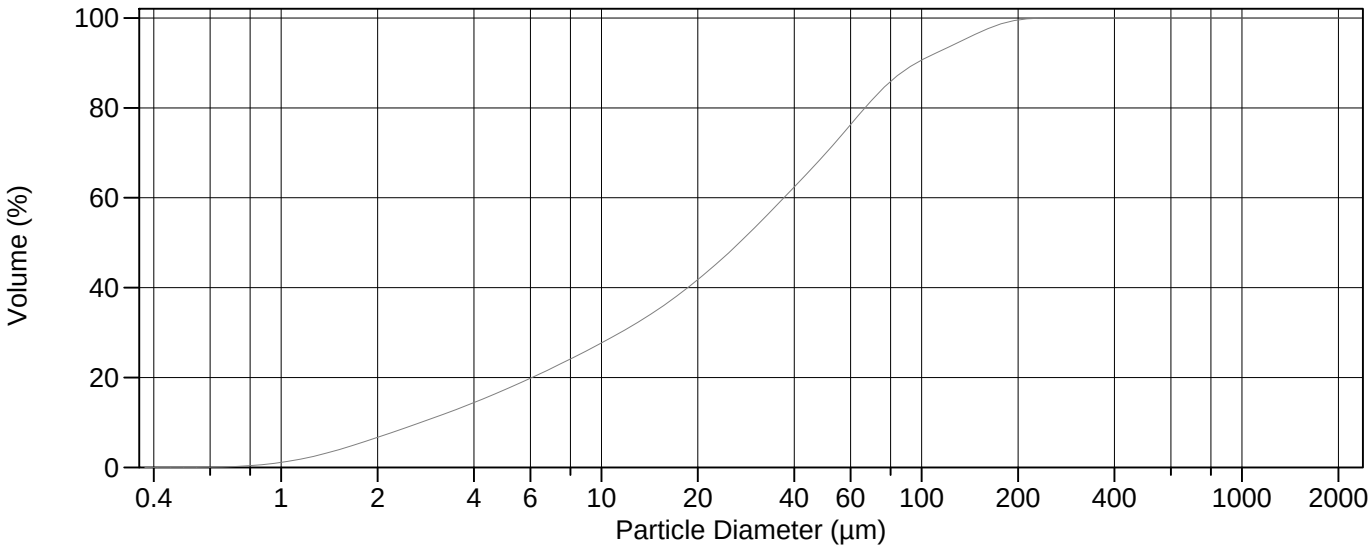

Volume Statistics (Arithmetic) 206#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	40.33 µm	95% Conf. Limits:	0-122.3 µm
Median:	26.97 µm	S.D.:	41.81 µm
D(3,2):	8.090 µm	Variance:	1748 μm^2
Mean/Median Ratio:	1.495	C.V.:	104%
Mode:	60.52 µm	Skewness:	1.623 Right skewed
d_{10}:	2.729 µm	Kurtosis:	2.645 Leptokurtic
d_{50}:	26.97 µm		
d_{90}:	96.49 µm		
Specific Surf. Area	7417 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.729	8.470	26.97	57.96	96.49

206#.$02

Channel Diameter (Lower) µm	Cum. < Volume %	Channel Diameter (Lower) µm	Cum. < Volume %	Channel Diameter (Lower) µm	Cum. < Volume %
0.375	0	1.520	3.97	6.158	20.2
0.412	0.00058	1.669	4.84	6.761	21.6
0.452	0.00092	1.832	5.77	7.421	23.0
0.496	0.0028	2.010	6.73	8.147	24.4
0.545	0.011	2.207	7.72	8.944	25.9
0.598	0.039	2.423	8.72	9.819	27.4
0.657	0.099	2.660	9.73	10.78	29.0
0.721	0.21	2.920	10.8	11.83	30.6
0.791	0.37	3.206	11.8	12.99	32.3
0.869	0.60	3.519	12.9	14.26	34.1
0.953	0.91	3.862	14.0	15.65	36.0
1.047	1.33	4.241	15.2	17.18	38.1
1.149	1.84	4.656	16.3	18.86	40.3
1.261	2.46	5.111	17.6	20.70	42.7
1.385	3.17	5.611	18.9	22.73	45.1

206#.$02

Channel Diameter (Lower) µm	Cum. < Volume %
24.95	47.7
27.38	50.5
30.07	53.3
33.00	56.3
36.24	59.2
39.77	62.2
43.66	65.2
47.93	68.3
52.63	71.5
57.77	74.9
63.41	78.3
69.62	81.6
76.43	84.6
83.90	87.2
92.09	89.2
101.1	90.8
111.0	92.2
121.8	93.6
133.7	95.0
146.8	96.4
161.2	97.7
176.8	98.7
194.2	99.4
213.2	99.8
234.1	100.0
256.8	100.0
282.1	100.0
309.6	100
339.8	100
373.1	100
409.6	100
449.7	100
493.6	100
541.9	100
594.9	100
653.0	100
716.9	100
786.9	100
863.9	100
948.2	100
1041	100
1143	100
1255	100
1377	100
1512	100
1660	100
1822	100
2000	100

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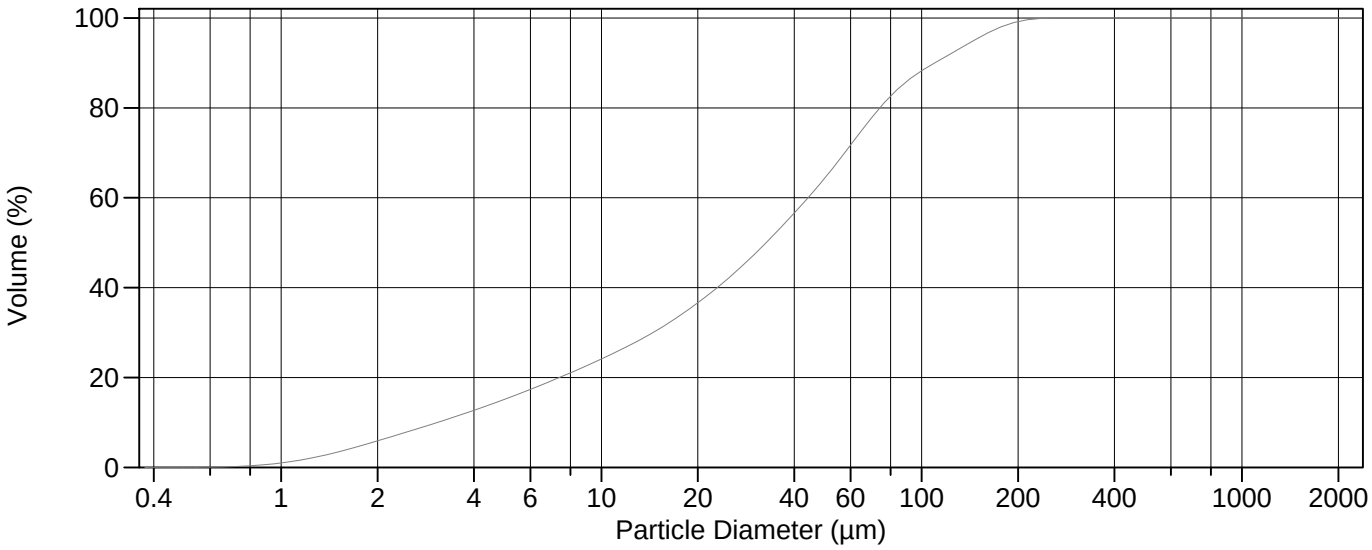

Volume Statistics (Arithmetic) 207.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	45.75 µm	95% Conf. Limits:	0-134.1 µm
Median:	32.66 µm	S.D.:	45.09 µm
D(3,2):	9.041 µm	Variance:	2033 μm^2
Mean/Median Ratio:	1.401	C.V.:	98.5%
Mode:	60.52 µm	Skewness:	1.483 Right skewed
d_{10}:	3.076 µm	Kurtosis:	2.091 Leptokurtic
d_{50}:	32.66 µm		
d_{90}:	109.8 µm		
Specific Surf. Area	6637 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.076	10.62	32.66	65.04	109.8

207.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.90	500.0	100
5.000	15.2	1000	100
10.00	24.1	2000	100
15.00	30.6		
20.00	36.6		
25.00	42.2		
50.00	64.5		
60.00	71.7		
63.00	73.7		
70.00	77.9		
75.00	80.5		
90.00	85.9		
125.0	92.3		
200.0	99.2		
250.0	100.0		
400.0	100		

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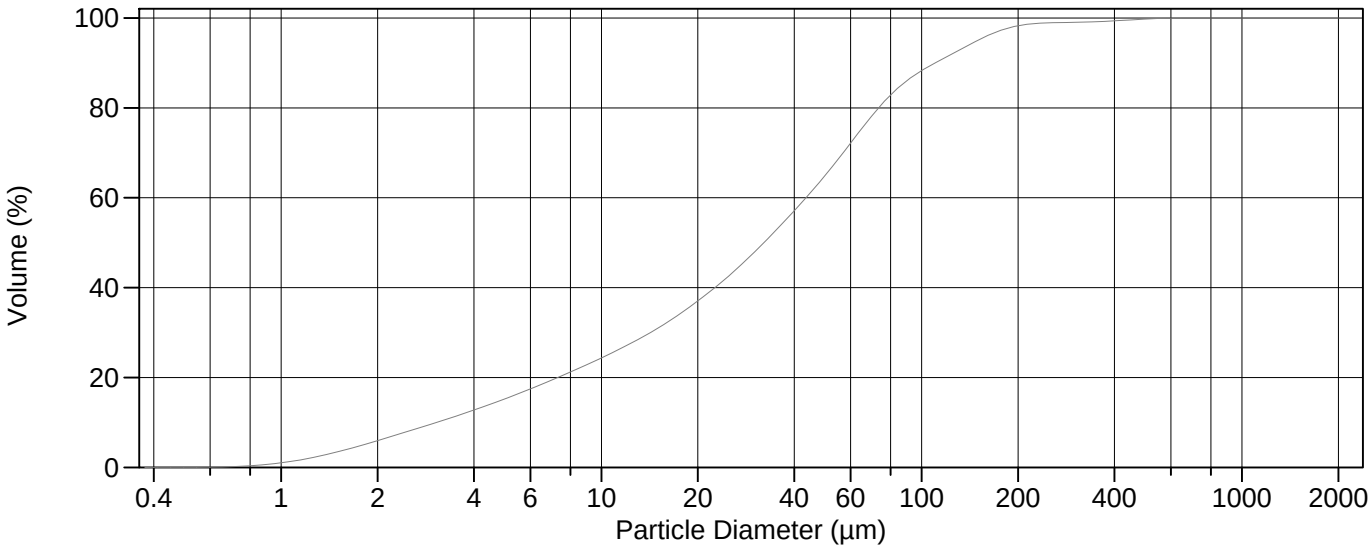

Volume Statistics (Arithmetic) 208.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	48.26 µm	95% Conf. Limits:	0-164.4 µm
Median:	32.16 µm	S.D.:	59.23 µm
D(3,2):	8.958 µm	Variance:	3509 μm^2
Mean/Median Ratio:	1.501	C.V.:	123%
Mode:	60.52 µm	Skewness:	3.761 Right skewed
d_{10}:	3.058 µm	Kurtosis:	22.82 Leptokurtic
d_{50}:	32.16 µm		
d_{90}:	110.1 µm		
Specific Surf. Area	6698 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.058	10.44	32.16	64.39	110.1

208.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.96	500.0	99.8
5.000	15.3	1000	100
10.00	24.4	2000	100
15.00	31.0		
20.00	37.0		
25.00	42.6		
50.00	65.0		
60.00	72.1		
63.00	74.1		
70.00	78.3		
75.00	80.8		
90.00	86.1		
125.0	92.1		
200.0	98.3		
250.0	98.9		
400.0	99.4		

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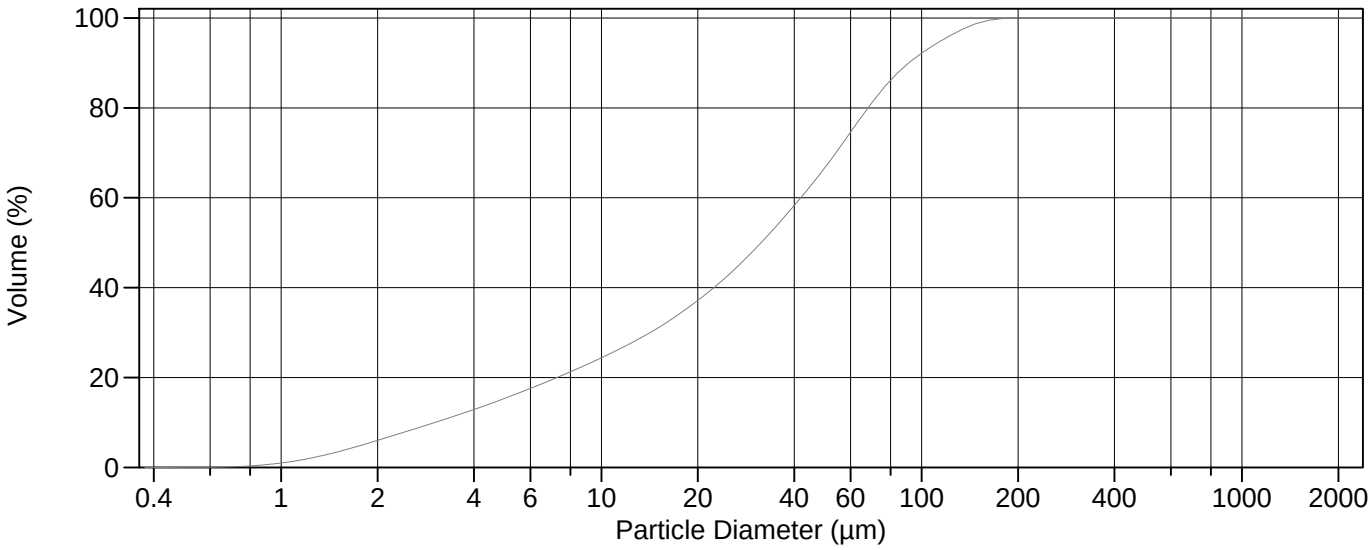

Volume Statistics (Arithmetic) 209.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	40.53 µm	95% Conf. Limits:	0-111.5 µm
Median:	31.53 µm	S.D.:	36.20 µm
D(3,2):	8.908 µm	Variance:	1311 μm^2
Mean/Median Ratio:	1.285	C.V.:	89.3%
Mode:	60.52 µm	Skewness:	1.154 Right skewed
d_{10}:	3.022 µm	Kurtosis:	1.040 Leptokurtic
d_{50}:	31.53 µm		
d_{90}:	91.06 µm		
Specific Surf. Area	6736 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.022	10.42	31.53	60.61	91.06

209.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.01	500.0	100
5.000	15.4	1000	100
10.00	24.4	2000	100
15.00	31.0		
20.00	37.1		
25.00	42.9		
50.00	66.8		
60.00	74.6		
63.00	76.7		
70.00	81.2		
75.00	83.9		
90.00	89.7		
125.0	96.4		
200.0	100.0		
250.0	100		
400.0	100		

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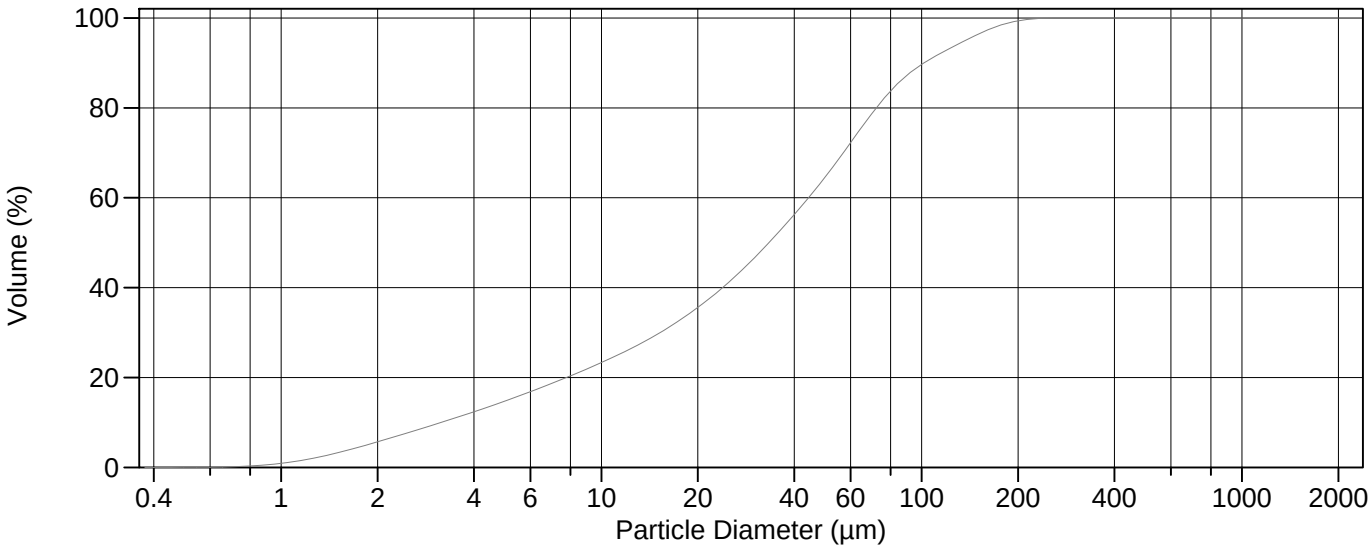

Volume Statistics (Arithmetic) 210.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	44.71 µm	95% Conf. Limits:	0-128.4 µm
Median:	33.33 µm	S.D.:	42.71 µm
D(3,2):	9.285 µm	Variance:	1825 μm^2
Mean/Median Ratio:	1.342	C.V.:	95.5%
Mode:	60.52 µm	Skewness:	1.490 Right skewed
d_{10}:	3.159 µm	Kurtosis:	2.362 Leptokurtic
d_{50}:	33.33 µm		
d_{90}:	101.6 µm		
Specific Surf. Area	6462 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.159	11.24	33.33	63.94	101.6

210.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.70	500.0	100
5.000	14.8	1000	100
10.00	23.3	2000	100
15.00	29.7		
20.00	35.6		
25.00	41.2		
50.00	64.6		
60.00	72.2		
63.00	74.4		
70.00	78.8		
75.00	81.5		
90.00	87.2		
125.0	93.6		
200.0	99.4		
250.0	100.0		
400.0	100		

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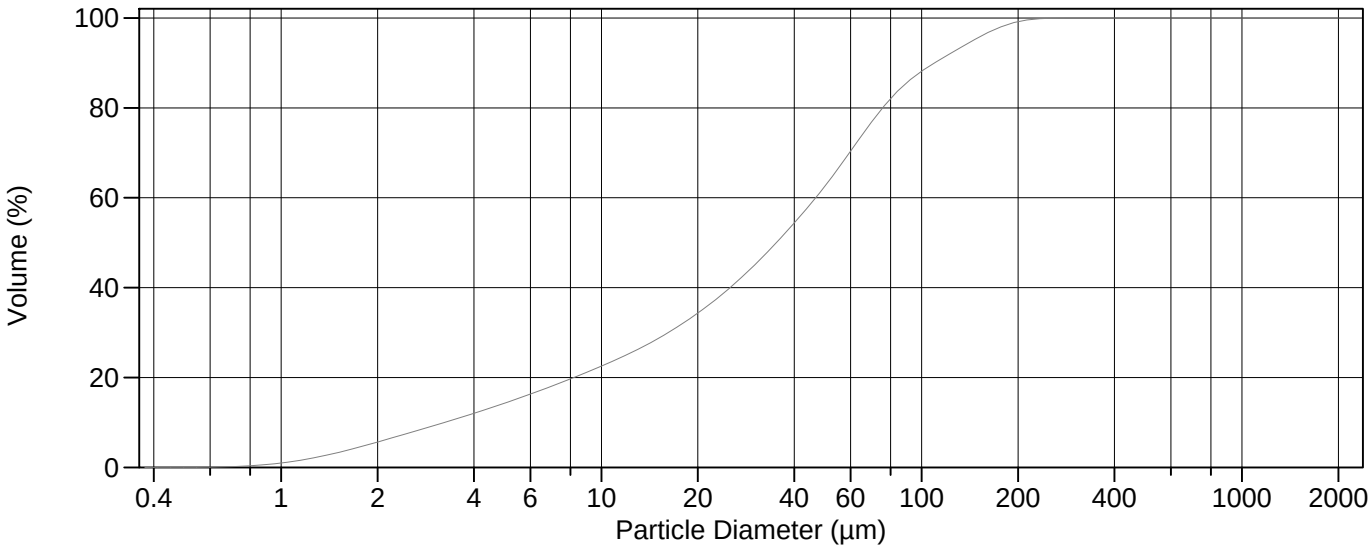

Volume Statistics (Arithmetic) 211.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	47.10 µm	95% Conf. Limits:	0-135.1 µm
Median:	35.17 µm	S.D.:	44.89 µm
D(3,2):	9.441 µm	Variance:	2015 μm^2
Mean/Median Ratio:	1.339	C.V.:	95.3%
Mode:	60.52 µm	Skewness:	1.449 Right skewed
d_{10}:	3.239 µm	Kurtosis:	2.110 Leptokurtic
d_{50}:	35.17 µm		
d_{90}:	109.6 µm		
Specific Surf. Area	6355 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.239	11.93	35.17	66.82	109.6

211.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.65	500.0	100
5.000	14.3	1000	100
10.00	22.5	2000	100
15.00	28.6		
20.00	34.3		
25.00	39.8		
50.00	62.7		
60.00	70.3		
63.00	72.5		
70.00	77.0		
75.00	79.7		
90.00	85.6		
125.0	92.4		
200.0	99.2		
250.0	99.9		
400.0	100		

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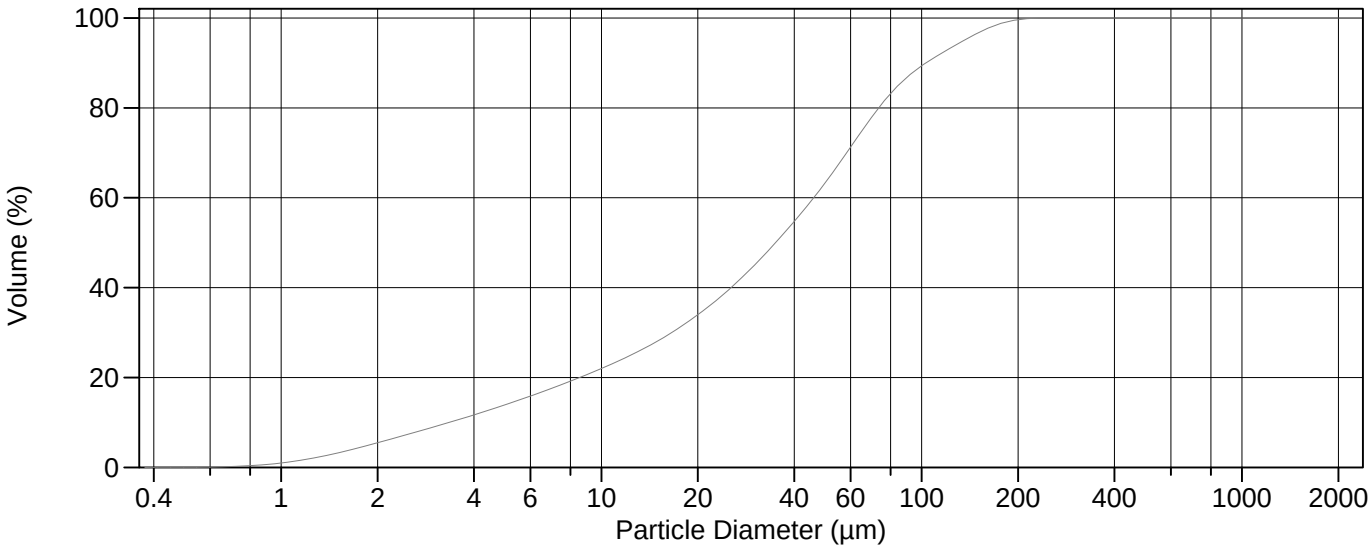

Volume Statistics (Arithmetic) 212.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	45.52 µm	95% Conf. Limits:	0-127.5 µm
Median:	34.98 µm	S.D.:	41.81 µm
D(3,2):	9.584 µm	Variance:	1748 μm^2
Mean/Median Ratio:	1.301	C.V.:	91.9%
Mode:	60.52 µm	Skewness:	1.349 Right skewed
d_{10}:	3.344 µm	Kurtosis:	1.757 Leptokurtic
d_{50}:	34.98 µm		
d_{90}:	103.1 µm		
Specific Surf. Area	6260 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.344	12.37	34.98	65.28	103.1

212.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.49	500.0	100
5.000	13.9	1000	100
10.00	22.0	2000	100
15.00	28.1		
20.00	34.0		
25.00	39.6		
50.00	63.3		
60.00	71.2		
63.00	73.5		
70.00	78.1		
75.00	80.8		
90.00	86.8		
125.0	93.6		
200.0	99.6		
250.0	100.0		
400.0	100		

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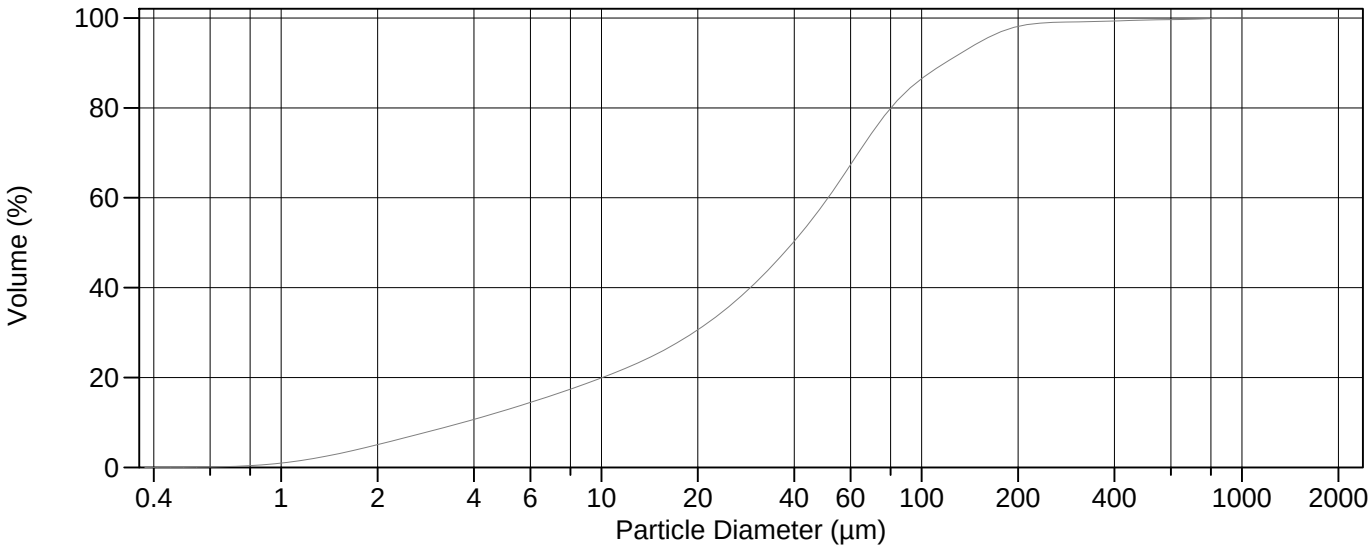

Volume Statistics (Arithmetic) 213.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	54.51 µm	95% Conf. Limits:	0-189.2 µm
Median:	39.64 µm	S.D.:	68.73 µm
D(3,2):	10.32 µm	Variance:	4724 µm^2
Mean/Median Ratio:	1.375	C.V.:	126%
Mode:	60.52 µm	Skewness:	5.581 Right skewed
d_{10}:	3.695 µm	Kurtosis:	51.35 Leptokurtic
d_{50}:	39.64 µm		
d_{90}:	118.3 µm		
Specific Surf. Area	5814 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.695	14.65	39.64	70.87	118.3

213.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.07	500.0	99.5
5.000	12.7	1000	100.0
10.00	19.9	2000	100
15.00	25.4		
20.00	30.6		
25.00	35.8		
50.00	59.1		
60.00	67.3		
63.00	69.7		
70.00	74.5		
75.00	77.4		
90.00	83.8		
125.0	91.1		
200.0	98.1		
250.0	99.0		
400.0	99.3		

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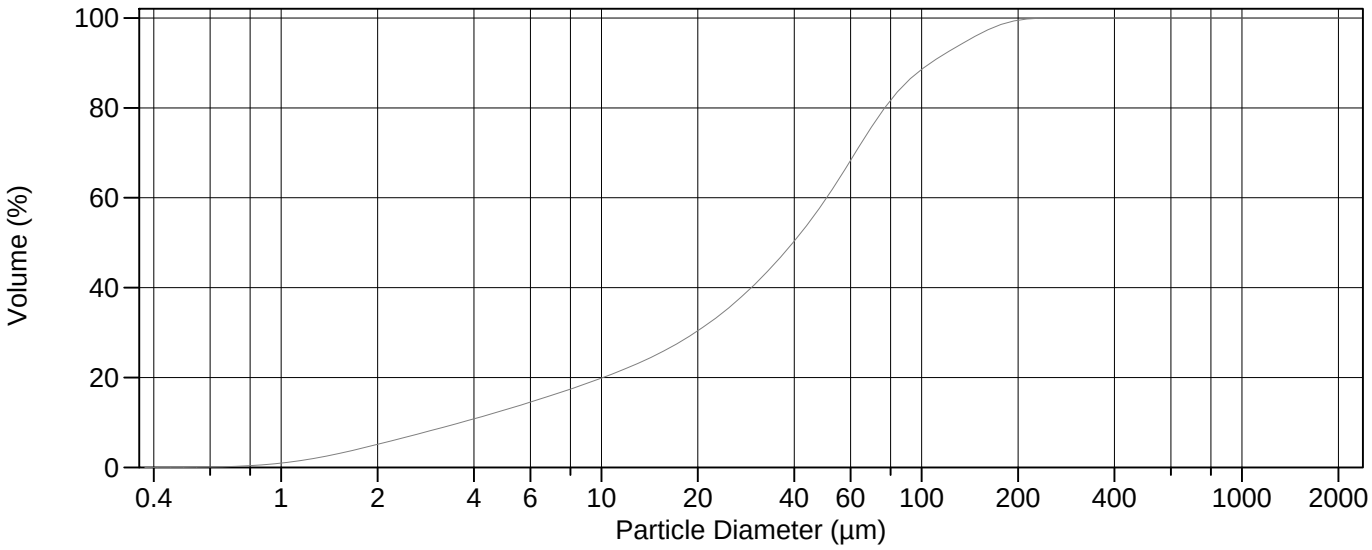

Volume Statistics (Arithmetic) 214.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	48.58 µm	95% Conf. Limits:	0-132.1 µm
Median:	39.63 µm	S.D.:	42.59 µm
D(3,2):	10.26 µm	Variance:	1814 μm^2
Mean/Median Ratio:	1.226	C.V.:	87.7%
Mode:	60.52 µm	Skewness:	1.283 Right skewed
d_{10}:	3.645 µm	Kurtosis:	1.654 Leptokurtic
d_{50}:	39.63 µm		
d_{90}:	106.8 µm		
Specific Surf. Area	5847 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.645	14.80	39.63	68.66	106.8

214.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.13	500.0	100
5.000	12.8	1000	100
10.00	19.9	2000	100
15.00	25.2		
20.00	30.4		
25.00	35.5		
50.00	59.5		
60.00	68.3		
63.00	70.8		
70.00	75.9		
75.00	79.0		
90.00	85.7		
125.0	93.1		
200.0	99.5		
250.0	100.0		
400.0	100		

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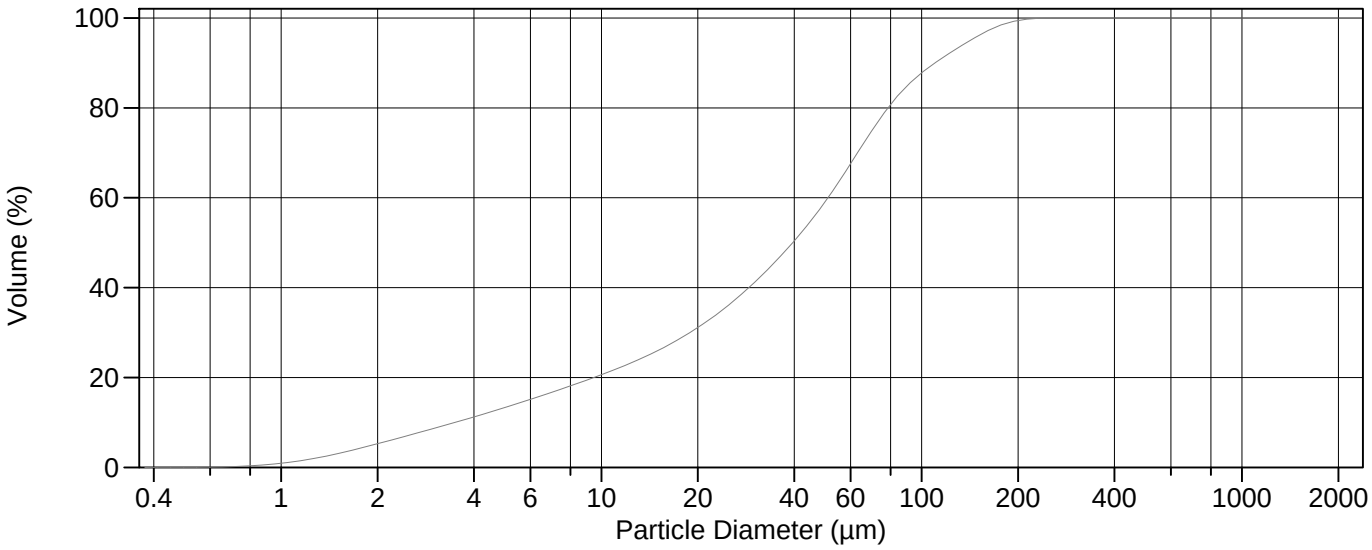

Volume Statistics (Arithmetic) 215#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	49.12 µm	95% Conf. Limits:	0-134.7 µm
Median:	39.55 µm	S.D.:	43.64 µm
D(3,2):	10.09 µm	Variance:	1905 μm^2
Mean/Median Ratio:	1.242	C.V.:	88.8%
Mode:	60.52 µm	Skewness:	1.258 Right skewed
d_{10}:	3.488 µm	Kurtosis:	1.498 Leptokurtic
d_{50}:	39.55 µm		
d_{90}:	110.0 µm		
Specific Surf. Area	5944 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.488	14.05	39.55	69.98	110.0

215#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.27	500.0	100
5.000	13.3	1000	100
10.00	20.6	2000	100
15.00	26.0		
20.00	31.1		
25.00	36.2		
50.00	59.1		
60.00	67.5		
63.00	70.0		
70.00	75.0		
75.00	78.1		
90.00	84.9		
125.0	92.6		
200.0	99.4		
250.0	100.0		
400.0	100		

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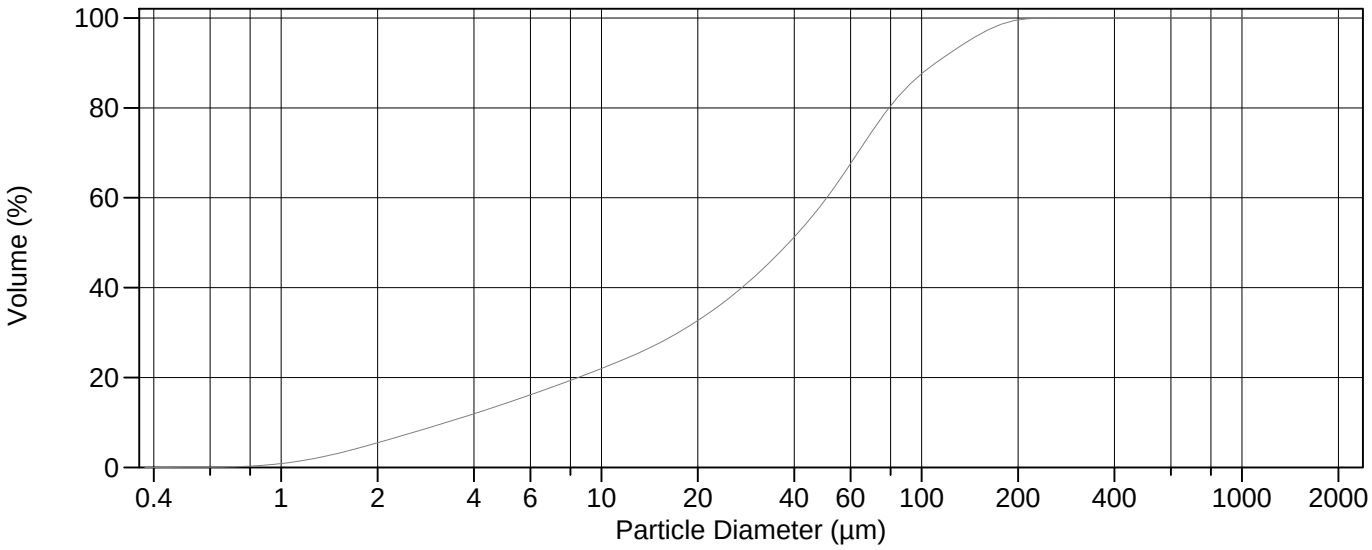

Volume Statistics (Arithmetic) 216.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	48.57 µm	95% Conf. Limits:	0-134.3 µm
Median:	38.52 µm	S.D.:	43.72 µm
D(3,2):	9.766 µm	Variance:	1912 μm^2
Mean/Median Ratio:	1.261	C.V.:	90.0%
Mode:	60.52 µm	Skewness:	1.211 Right skewed
d_{10}:	3.276 µm	Kurtosis:	1.252 Leptokurtic
d_{50}:	38.52 µm		
d_{90}:	110.5 µm		
Specific Surf. Area	6144 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.276	12.64	38.52	70.34	110.5

216.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.48	500.0	100
5.000	14.2	1000	100
10.00	22.0	2000	100
15.00	27.5		
20.00	32.7		
25.00	37.6		
50.00	59.5		
60.00	67.6		
63.00	69.9		
70.00	74.8		
75.00	77.8		
90.00	84.6		
125.0	92.6		
200.0	99.5		
250.0	100.0		
400.0	100		

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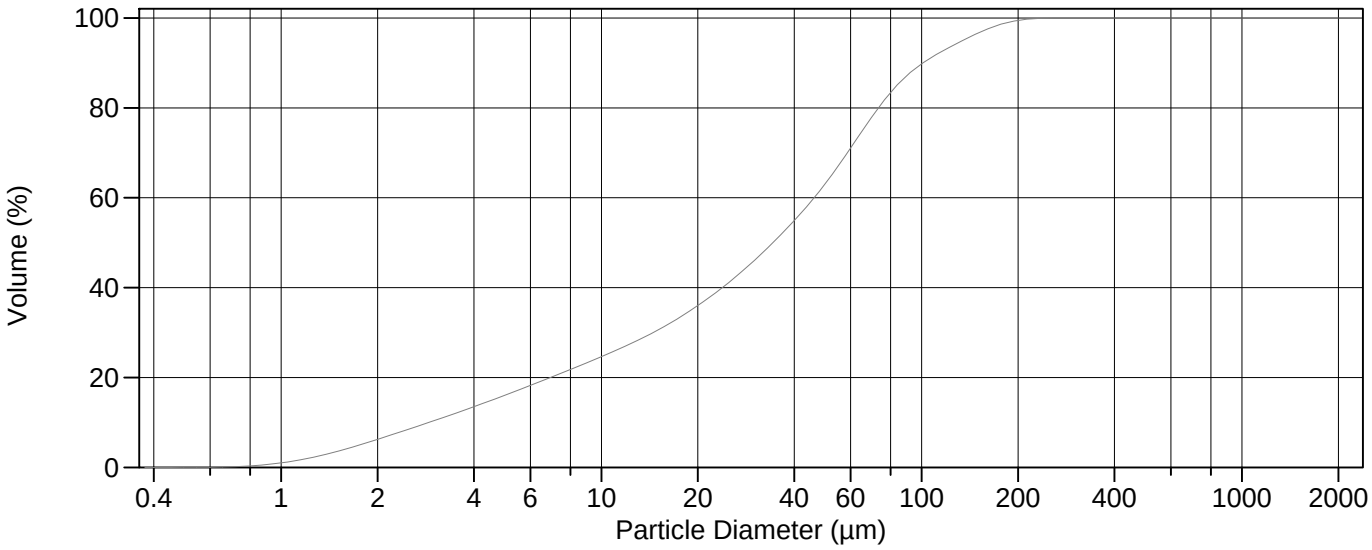

Volume Statistics (Arithmetic) 217.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	44.84 µm	95% Conf. Limits:	0-127.9 µm
Median:	34.32 µm	S.D.:	42.37 µm
D(3,2):	8.812 µm	Variance:	1795 μm^2
Mean/Median Ratio:	1.306	C.V.:	94.5%
Mode:	60.52 µm	Skewness:	1.395 Right skewed
d_{10}:	2.890 µm	Kurtosis:	2.062 Leptokurtic
d_{50}:	34.32 µm		
d_{90}:	100.8 µm		
Specific Surf. Area	6809 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.890	10.27	34.32	65.44	100.8

217.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.24	500.0	100
5.000	16.1	1000	100
10.00	24.7	2000	100
15.00	30.5		
20.00	36.0		
25.00	41.2		
50.00	63.1		
60.00	71.0		
63.00	73.3		
70.00	78.1		
75.00	80.9		
90.00	87.2		
125.0	93.9		
200.0	99.5		
250.0	100.0		
400.0	100		

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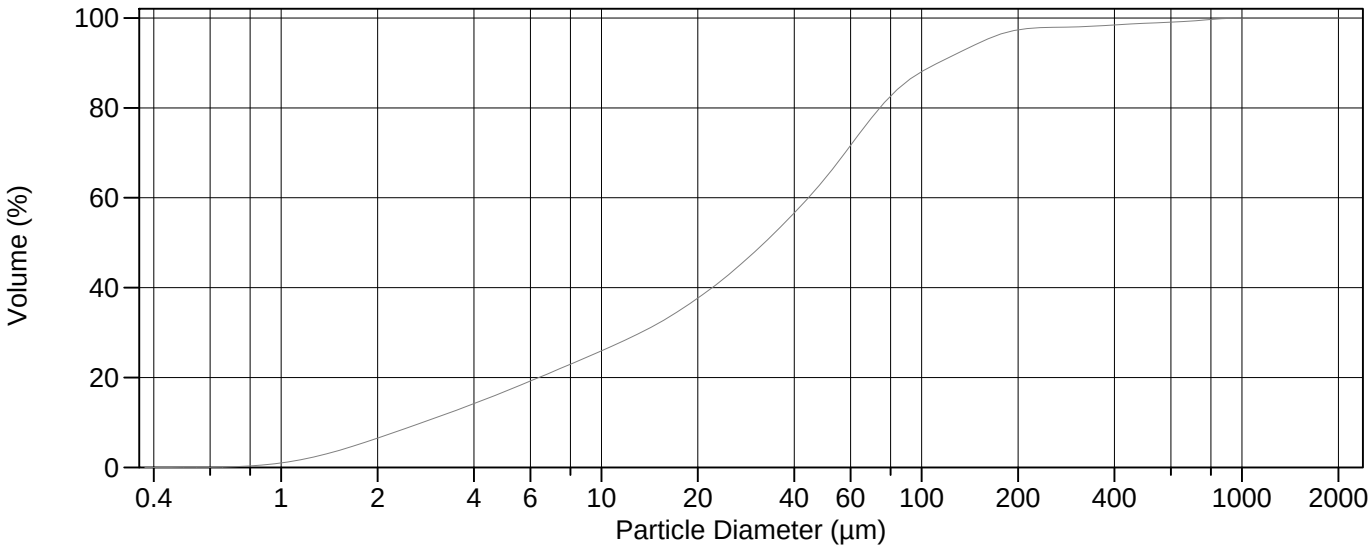


Volume Statistics (Arithmetic) 218.$02

Calculations from 0.375 µm to 2000 µm

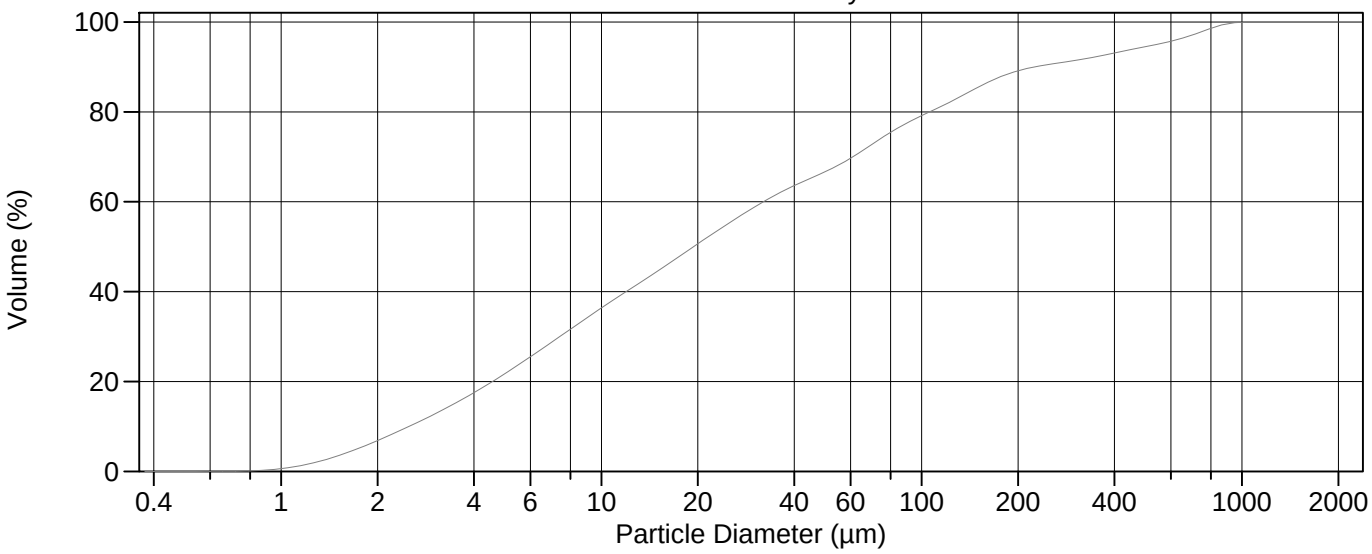
Volume	100.0%		
Mean:	54.27 µm	95% Conf. Limits:	0-233.4 µm
Median:	32.29 µm	S.D.:	91.41 µm
D(3,2):	8.517 µm	Variance:	8355 μm^2
Mean/Median Ratio:	1.680	C.V.:	168%
Mode:	60.52 µm	Skewness:	5.617 Right skewed
d_{10}:	2.764 µm	Kurtosis:	39.99 Leptokurtic
d_{50}:	32.29 µm		
d_{90}:	112.4 µm		
Specific Surf. Area	7045 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.764	9.331	32.29	65.12	112.4

218.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.53	500.0	98.8
5.000	16.9	1000	100.0
10.00	25.9	2000	100
15.00	32.0		
20.00	37.6		
25.00	42.9		
50.00	64.3		
60.00	71.6		
63.00	73.7		
70.00	77.9		
75.00	80.5		
90.00	85.9		
125.0	91.6		
200.0	97.3		
250.0	97.9		
400.0	98.5		

2014.0017 - stand. Hynne



Volume Statistics (Arithmetic) 219.$02

Calculations from 0.375 µm to 2000 µm

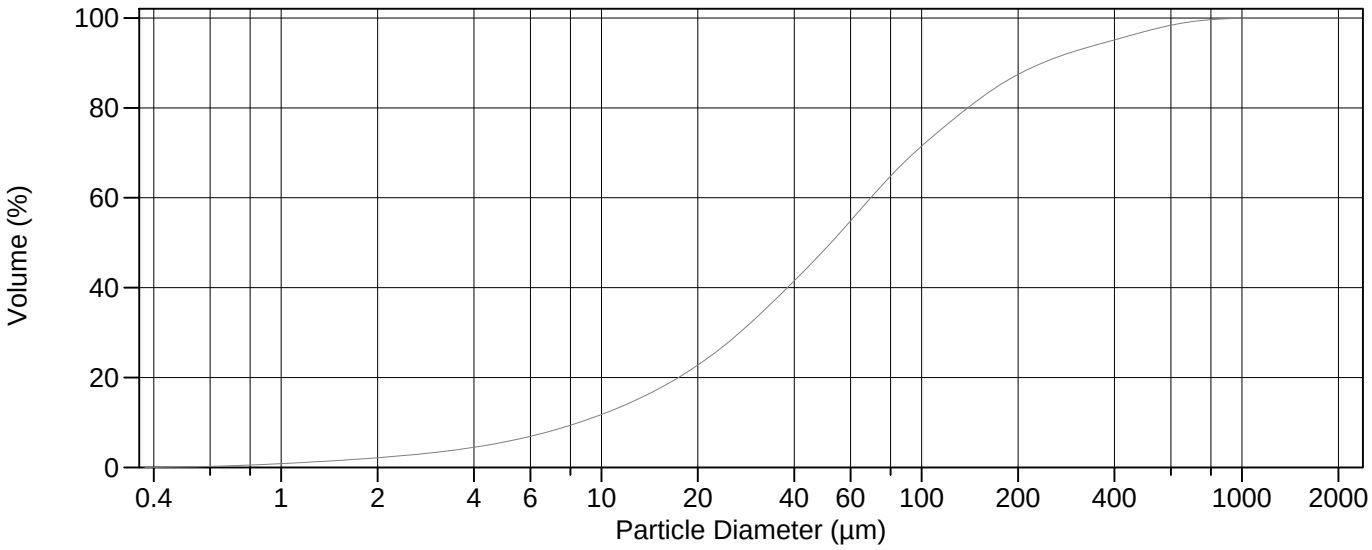
Volume	100.0%		
Mean:	88.60 µm	95% Conf. Limits:	0-428.2 µm
Median:	19.41 µm	S.D.:	173.2 µm
D(3,2):	7.355 µm	Variance:	30014 µm^2
Mean/Median Ratio:	4.564	C.V.:	196%
Mode:	7.776 µm	Skewness:	3.016 Right skewed
d_{10}:	2.508 µm	Kurtosis:	8.892 Leptokurtic
d_{50}:	19.41 µm		
d_{90}:	225.9 µm		
Specific Surf. Area	8158 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.508	5.861	19.41	78.11	225.9

219.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.87	500.0	94.5
5.000	21.8	1000	99.9
10.00	36.4	2000	100
15.00	44.6		
20.00	50.6		
25.00	55.2		
50.00	66.7		
60.00	69.7		
63.00	70.6		
70.00	72.8		
75.00	74.2		
90.00	77.5		
125.0	82.5		
200.0	89.1		
250.0	90.5		
400.0	93.1		

2014.0017 - stand.MINN



Volume Statistics (Arithmetic) 220.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	98.54 µm	95% Conf. Limits:	0-360.6 µm
Median:	52.13 µm	S.D.:	133.7 µm
D(3,2):	16.28 µm	Variance:	17873 μm^2
Mean/Median Ratio:	1.890	C.V.:	136%
Mode:	66.44 µm	Skewness:	2.874 Right skewed
d_{10}:	8.519 µm	Kurtosis:	9.898 Leptokurtic
d_{50}:	52.13 µm		
d_{90}:	238.3 µm		
Specific Surf. Area	3686 cm^2/ml		

% <	10	25	50	75	90
Size µm	8.519	22.13	52.13	114.2	238.3

220.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	2.15	500.0	97.0
5.000	5.69	1000	99.9
10.00	11.8	2000	100
15.00	17.4		
20.00	22.8		
25.00	28.0		
50.00	48.6		
60.00	54.8		
63.00	56.6		
70.00	60.3		
75.00	62.7		
90.00	68.5		
125.0	77.3		
200.0	87.4		
250.0	90.6		
400.0	95.1		

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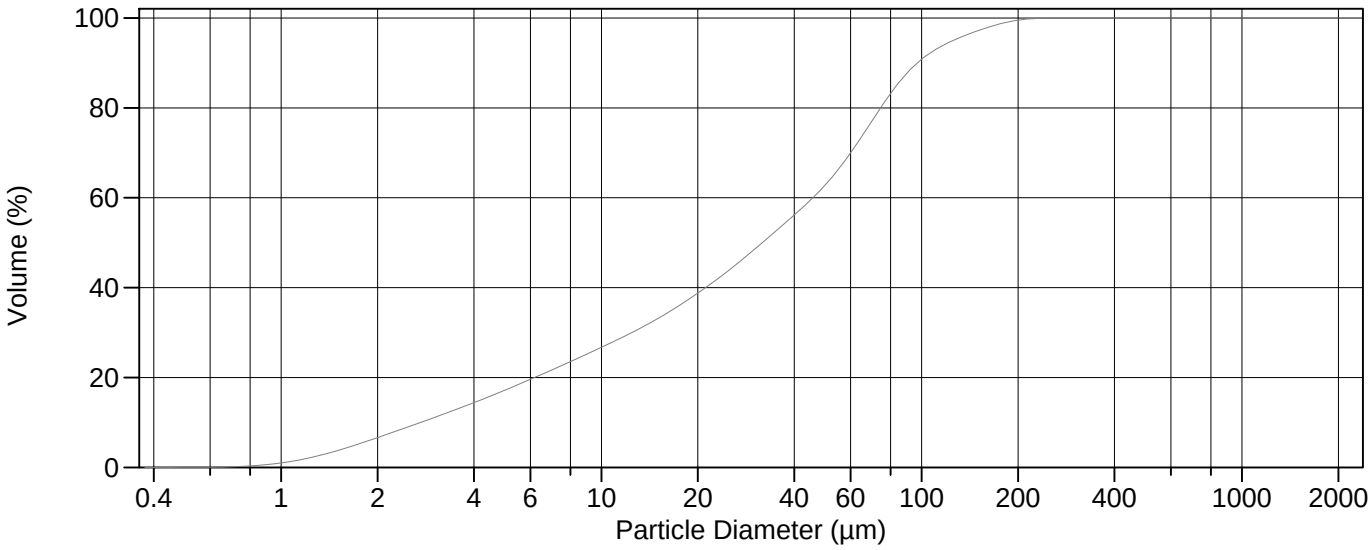

Volume Statistics (Arithmetic) 221.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	43.50 µm	95% Conf. Limits:	0-124.9 µm
Median:	31.80 µm	S.D.:	41.55 µm
D(3,2):	8.375 µm	Variance:	1726 μm^2
Mean/Median Ratio:	1.368	C.V.:	95.5%
Mode:	66.44 µm	Skewness:	1.347 Right skewed
d_{10}:	2.726 µm	Kurtosis:	2.007 Leptokurtic
d_{50}:	31.80 µm		
d_{90}:	97.07 µm		
Specific Surf. Area	7164 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.726	8.873	31.80	66.95	97.07

221.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.63	500.0	100
5.000	17.2	1000	100
10.00	26.7	2000	100
15.00	33.1		
20.00	38.8		
25.00	43.9		
50.00	62.9		
60.00	70.0		
63.00	72.2		
70.00	77.1		
75.00	80.4		
90.00	87.7		
125.0	94.9		
200.0	99.5		
250.0	100.0		
400.0	100		

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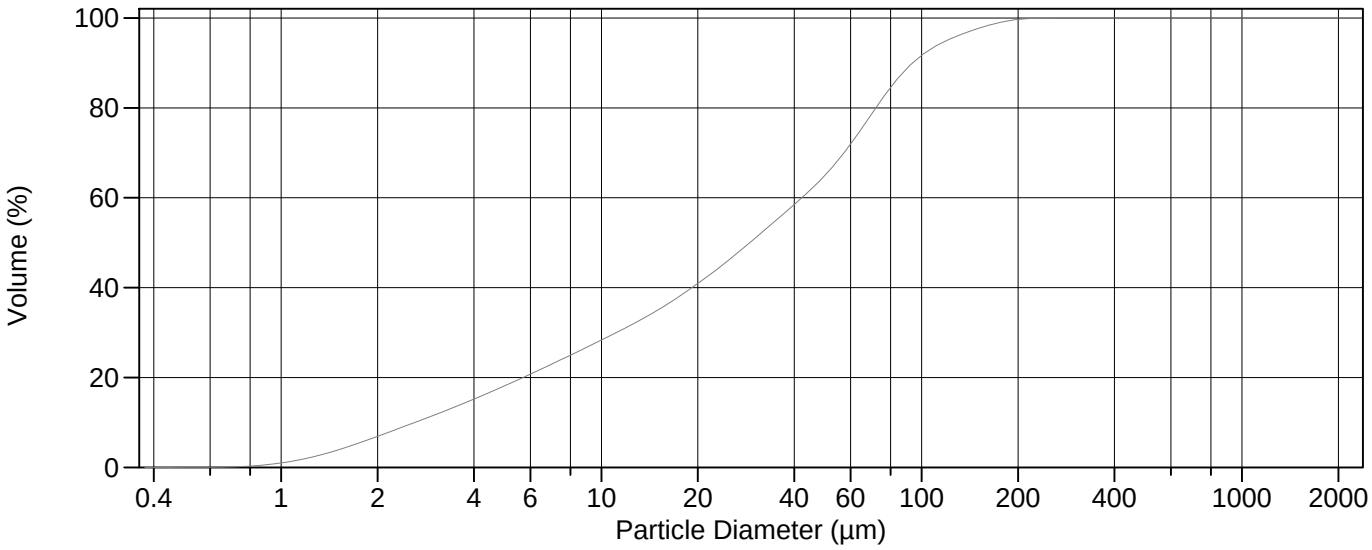

Volume Statistics (Arithmetic) 222.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	41.26 µm	95% Conf. Limits:	0-119.7 µm
Median:	29.08 µm	S.D.:	40.04 µm
D(3,2):	8.036 µm	Variance:	1603 μm^2
Mean/Median Ratio:	1.419	C.V.:	97.0%
Mode:	66.44 µm	Skewness:	1.347 Right skewed
d_{10}:	2.616 µm	Kurtosis:	1.934 Leptokurtic
d_{50}:	29.08 µm		
d_{90}:	93.67 µm		
Specific Surf. Area	7467 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.616	8.020	29.08	64.38	93.67

222.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.91	500.0	100
5.000	18.2	1000	100
10.00	28.3	2000	100
15.00	35.0		
20.00	40.9		
25.00	46.2		
50.00	65.1		
60.00	71.9		
63.00	74.0		
70.00	78.8		
75.00	81.8		
90.00	88.8		
125.0	95.6		
200.0	99.7		
250.0	100.0		
400.0	100		

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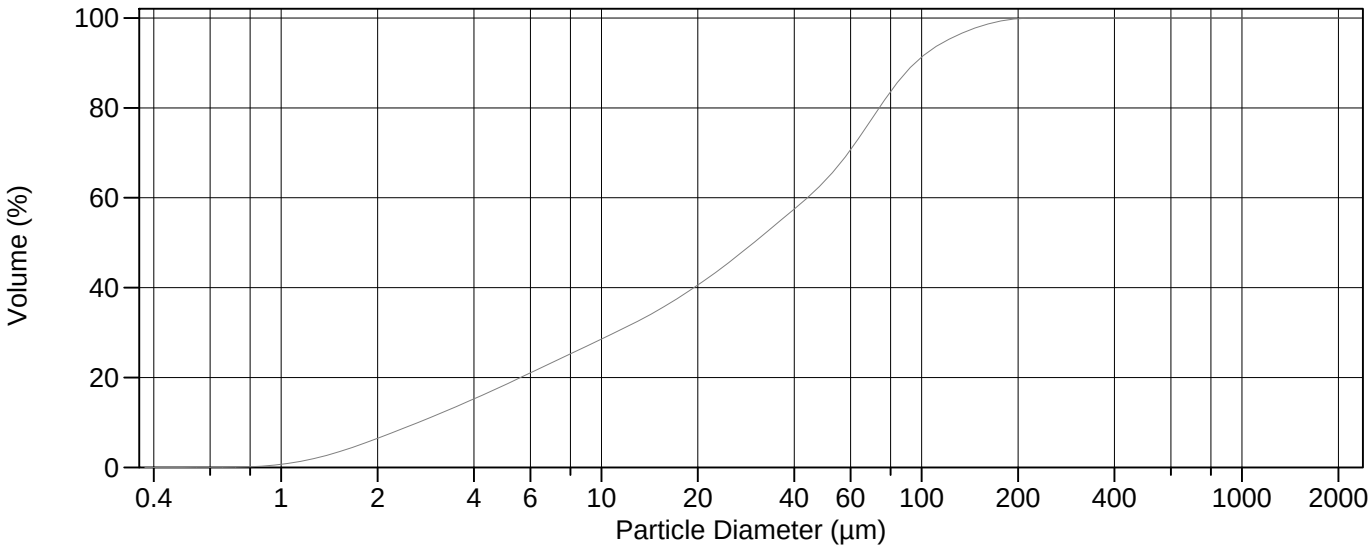

Volume Statistics (Arithmetic) 223.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	41.82 µm	95% Conf. Limits:	0-119.7 µm
Median:	29.89 µm	S.D.:	39.73 µm
D(3,2):	8.272 µm	Variance:	1579 μm^2
Mean/Median Ratio:	1.399	C.V.:	95.0%
Mode:	66.44 µm	Skewness:	1.193 Right skewed
d_{10}:	2.676 µm	Kurtosis:	1.261 Leptokurtic
d_{50}:	29.89 µm		
d_{90}:	95.57 µm		
Specific Surf. Area	7253 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.676	7.864	29.89	66.15	95.57

223.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.47	500.0	100
5.000	18.4	1000	100
10.00	28.6	2000	100
15.00	34.9		
20.00	40.6		
25.00	45.6		
50.00	63.8		
60.00	70.7		
63.00	72.8		
70.00	77.6		
75.00	80.8		
90.00	88.1		
125.0	95.7		
200.0	99.8		
250.0	100.0		
400.0	100		

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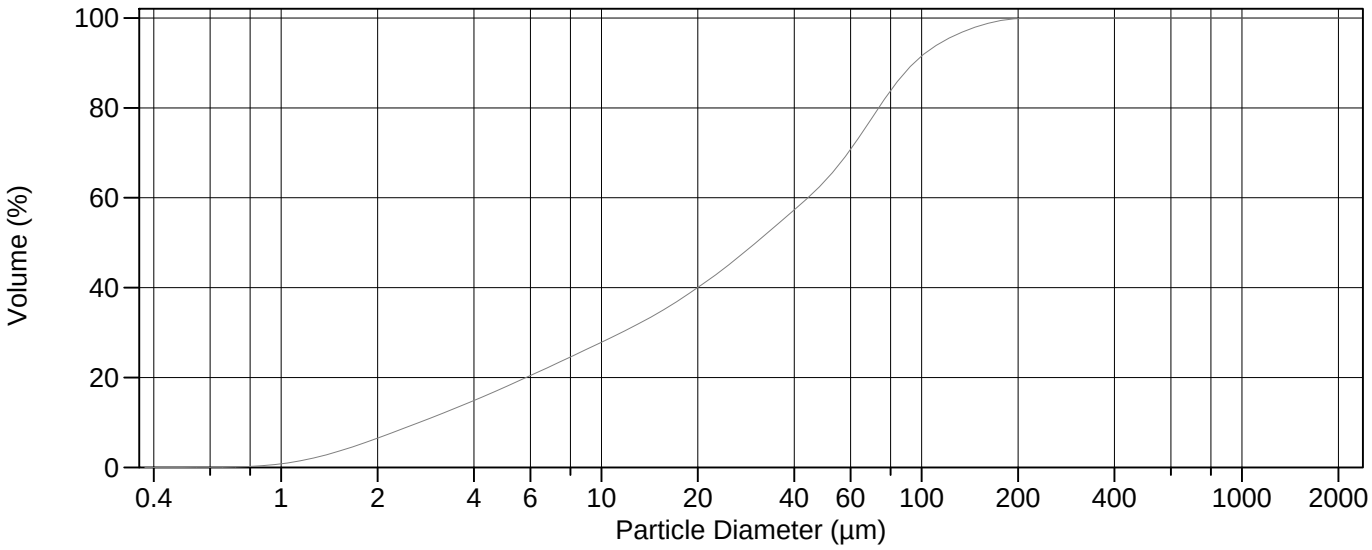


Volume Statistics (Arithmetic) 224.$02

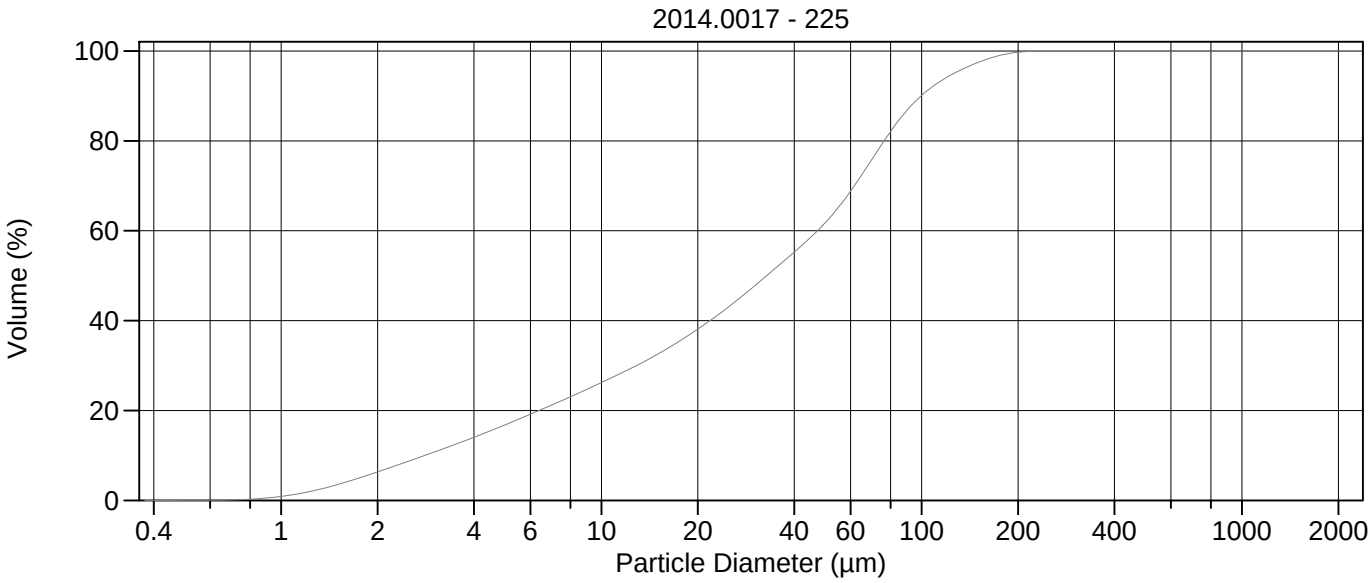
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	41.76 µm	95% Conf. Limits:	0-118.4 µm
Median:	30.35 µm	S.D.:	39.12 µm
D(3,2):	8.310 µm	Variance:	1530 μm^2
Mean/Median Ratio:	1.376	C.V.:	93.7%
Mode:	66.44 µm	Skewness:	1.160 Right skewed
d_{10}:	2.697 µm	Kurtosis:	1.145 Leptokurtic
d_{50}:	30.35 µm		
d_{90}:	94.78 µm		
Specific Surf. Area	7220 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.697	8.241	30.35	65.95	94.78

224.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.53	500.0	100
5.000	17.9	1000	100
10.00	27.8	2000	100
15.00	34.3		
20.00	40.0		
25.00	45.1		
50.00	63.8		
60.00	70.8		
63.00	72.9		
70.00	77.8		
75.00	81.0		
90.00	88.4		
125.0	95.9		
200.0	99.9		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 225.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	44.24 µm	95% Conf. Limits:	0-125.0 µm
Median:	32.79 µm	S.D.:	41.18 µm
D(3,2):	8.619 µm	Variance:	1696 μm^2
Mean/Median Ratio:	1.349	C.V.:	93.1%
Mode:	66.44 µm	Skewness:	1.185 Right skewed
d_{10}:	2.810 µm	Kurtosis:	1.266 Leptokurtic
d_{50}:	32.79 µm		
d_{90}:	99.54 µm		
Specific Surf. Area	6962 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.810	9.188	32.79	68.62	99.54

225.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.35	500.0	100
5.000	16.8	1000	100
10.00	26.2	2000	100
15.00	32.5		
20.00	38.1		
25.00	43.1		
50.00	61.8		
60.00	68.8		
63.00	71.0		
70.00	76.0		
75.00	79.2		
90.00	86.8		
125.0	94.9		
200.0	99.7		
250.0	100.0		
400.0	100		

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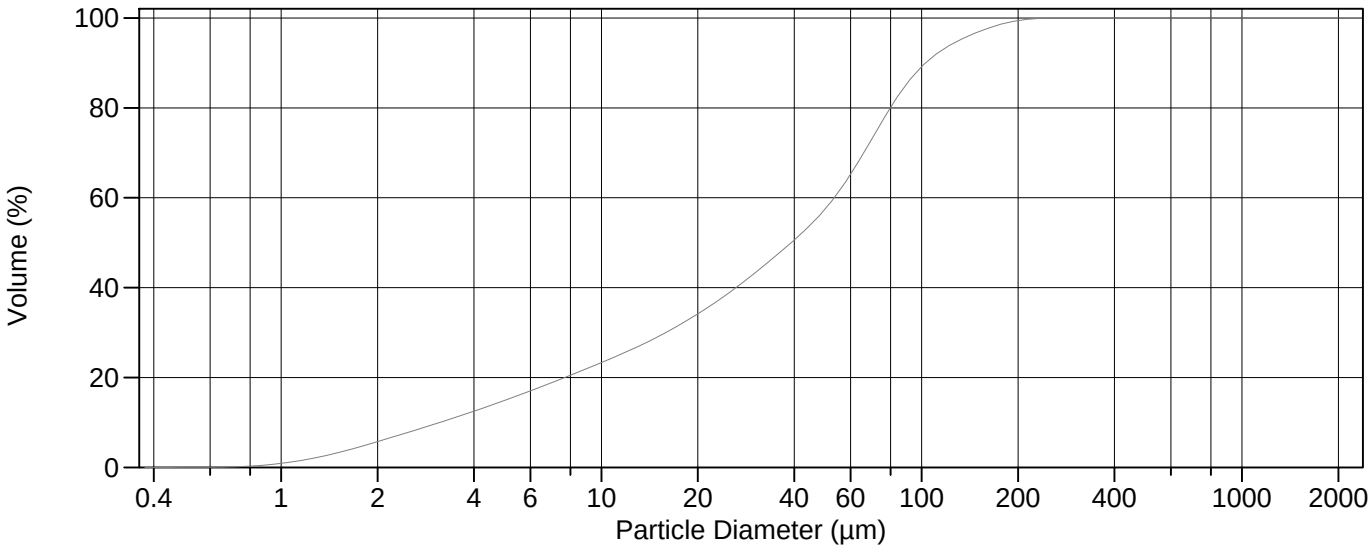

Volume Statistics (Arithmetic) 226.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	47.96 µm	95% Conf. Limits:	0-131.6 µm
Median:	39.14 µm	S.D.:	42.67 µm
D(3,2):	9.418 µm	Variance:	1821 μm^2
Mean/Median Ratio:	1.225	C.V.:	89.0%
Mode:	72.95 µm	Skewness:	1.177 Right skewed
d_{10}:	3.128 µm	Kurtosis:	1.507 Leptokurtic
d_{50}:	39.14 µm		
d_{90}:	102.9 µm		
Specific Surf. Area	6371 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.128	11.35	39.14	72.50	102.9

226.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.74	500.0	100
5.000	14.9	1000	100
10.00	23.3	2000	100
15.00	29.1		
20.00	34.2		
25.00	38.8		
50.00	57.5		
60.00	65.2		
63.00	67.7		
70.00	73.2		
75.00	76.8		
90.00	85.4		
125.0	94.3		
200.0	99.4		
250.0	100.0		
400.0	100		

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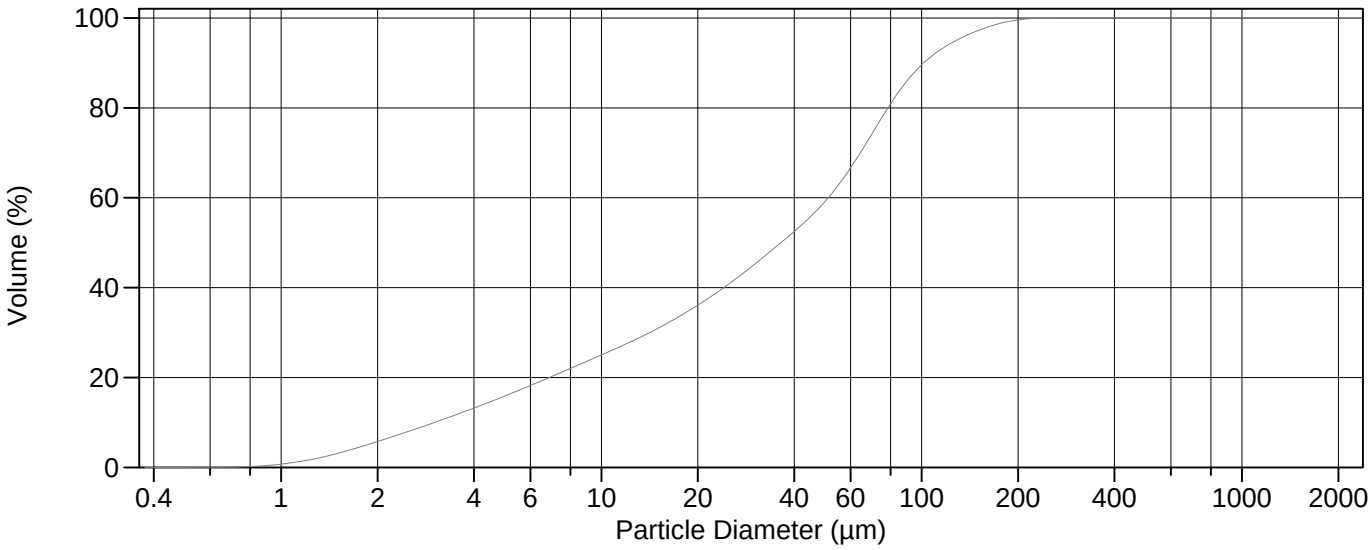

Volume Statistics (Arithmetic) 227.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	46.28 µm	95% Conf. Limits:	0-128.6 µm
Median:	36.36 µm	S.D.:	41.98 µm
D(3,2):	9.178 µm	Variance:	1763 μm^2
Mean/Median Ratio:	1.273	C.V.:	90.7%
Mode:	72.95 µm	Skewness:	1.164 Right skewed
d_{10}:	3.011 µm	Kurtosis:	1.360 Leptokurtic
d_{50}:	36.36 µm		
d_{90}:	101.1 µm		
Specific Surf. Area	6537 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.011	9.985	36.36	71.03	101.1

227.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.76	500.0	100
5.000	15.9	1000	100
10.00	25.0	2000	100
15.00	30.9		
20.00	36.1		
25.00	40.8		
50.00	59.2		
60.00	66.6		
63.00	69.0		
70.00	74.3		
75.00	77.8		
90.00	86.0		
125.0	94.6		
200.0	99.6		
250.0	100.0		
400.0	100		

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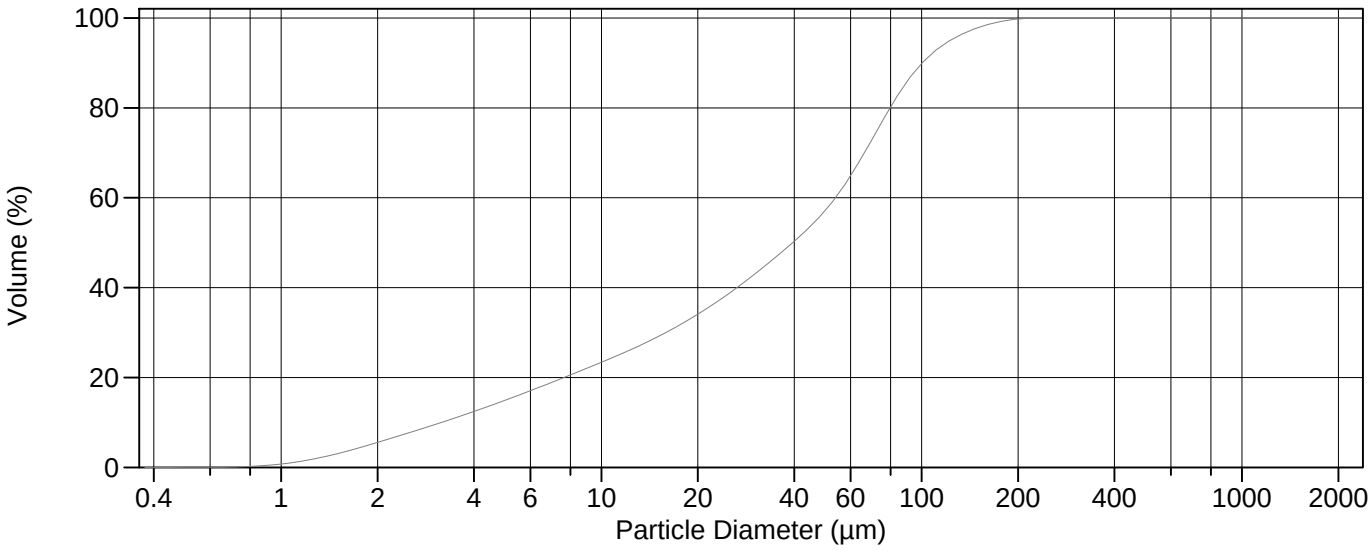

Volume Statistics (Arithmetic) 228.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	47.12 µm	95% Conf. Limits:	0-126.3 µm
Median:	39.54 µm	S.D.:	40.40 µm
D(3,2):	9.565 µm	Variance:	1632 μm^2
Mean/Median Ratio:	1.192	C.V.:	85.7%
Mode:	72.95 µm	Skewness:	0.983 Right skewed
d_{10}:	3.161 µm	Kurtosis:	0.826 Leptokurtic
d_{50}:	39.54 µm		
d_{90}:	100.3 µm		
Specific Surf. Area	6273 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.161	11.31	39.54	72.63	100.3

228.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.56	500.0	100
5.000	14.9	1000	100
10.00	23.4	2000	100
15.00	29.1		
20.00	34.1		
25.00	38.7		
50.00	57.2		
60.00	64.9		
63.00	67.4		
70.00	73.0		
75.00	76.8		
90.00	85.8		
125.0	95.3		
200.0	99.8		
250.0	100.0		
400.0	100		

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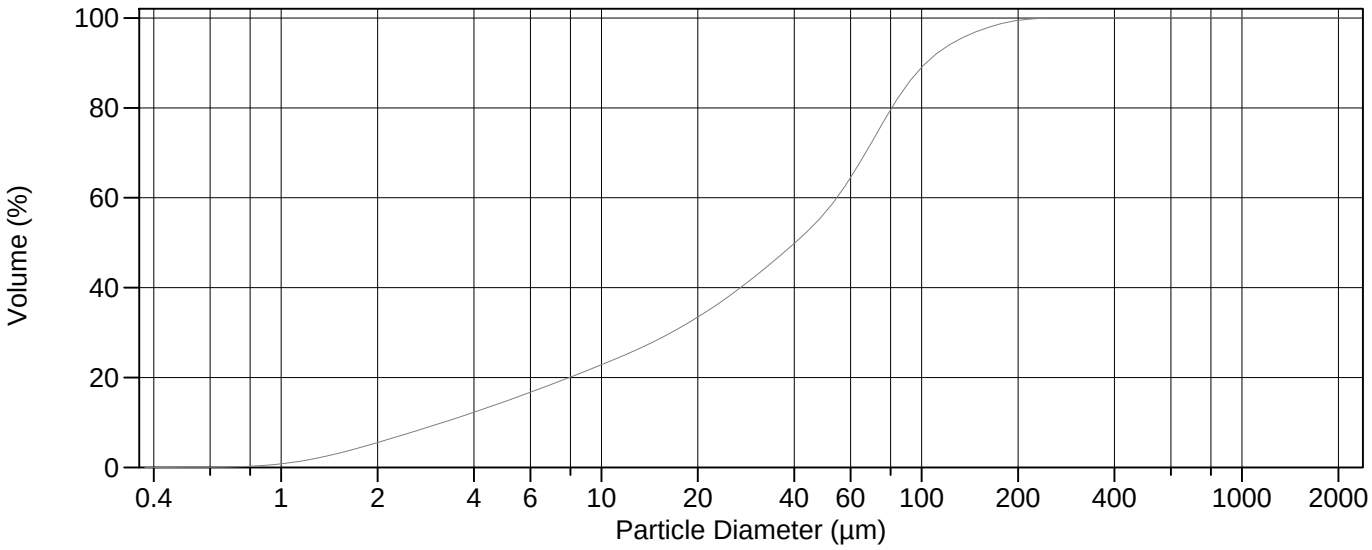


Volume Statistics (Arithmetic) 229.$02

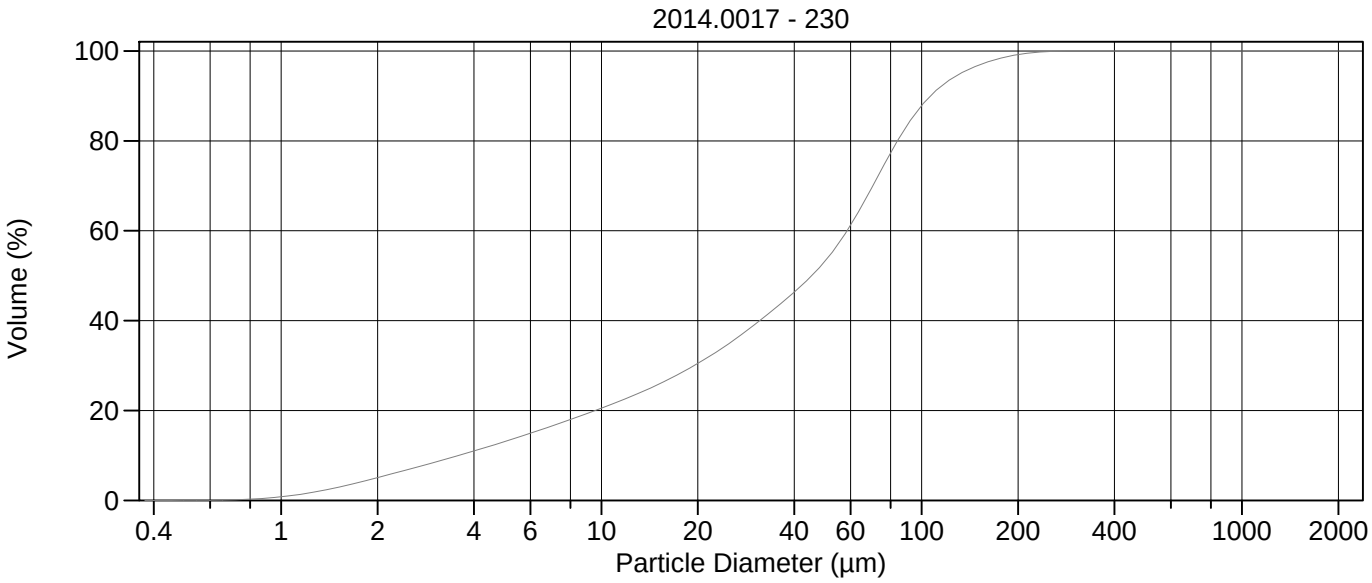
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	48.43 µm	95% Conf. Limits:	0-131.5 µm
Median:	40.26 µm	S.D.:	42.37 µm
D(3,2):	9.658 µm	Variance:	1795 μm^2
Mean/Median Ratio:	1.203	C.V.:	87.5%
Mode:	72.95 µm	Skewness:	1.130 Right skewed
d_{10}:	3.196 µm	Kurtosis:	1.408 Leptokurtic
d_{50}:	40.26 µm		
d_{90}:	103.3 µm		
Specific Surf. Area	6212 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.196	11.82	40.26	73.35	103.3

229.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.54	500.0	100
5.000	14.7	1000	100
10.00	22.8	2000	100
15.00	28.4		
20.00	33.5		
25.00	38.1		
50.00	56.8		
60.00	64.5		
63.00	66.9		
70.00	72.5		
75.00	76.2		
90.00	85.1		
125.0	94.4		
200.0	99.5		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 230#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	51.59 µm	95% Conf. Limits:	0-136.9 µm
Median:	45.36 µm	S.D.:	43.55 µm
D(3,2):	10.45 µm	Variance:	1896 μm^2
Mean/Median Ratio:	1.137	C.V.:	84.4%
Mode:	72.95 µm	Skewness:	1.136 Right skewed
d_{10}:	3.582 µm	Kurtosis:	1.708 Leptokurtic
d_{50}:	45.36 µm		
d_{90}:	106.8 µm		
Specific Surf. Area	5743 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.582	14.24	45.36	76.70	106.8

230#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.07	500.0	100
5.000	13.1	1000	100
10.00	20.5	2000	100
15.00	25.7		
20.00	30.5		
25.00	34.9		
50.00	53.3		
60.00	61.3		
63.00	63.8		
70.00	69.7		
75.00	73.7		
90.00	83.4		
125.0	94.0		
200.0	99.2		
250.0	99.9		
400.0	100		

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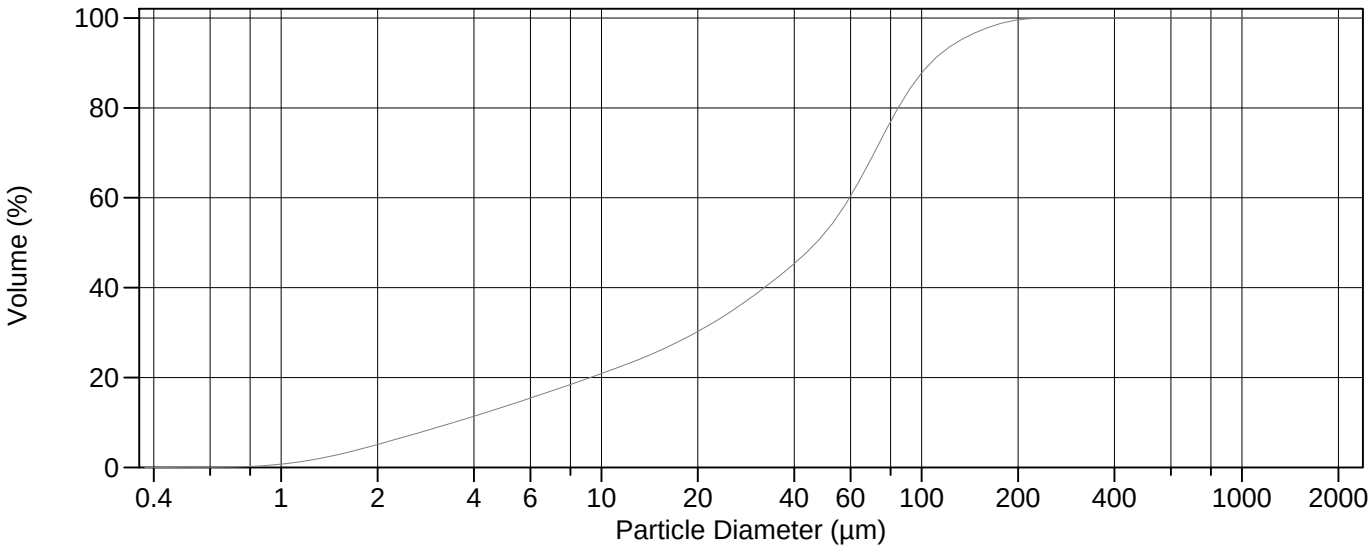

Volume Statistics (Arithmetic) 231.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	51.72 µm	95% Conf. Limits:	0-135.0 µm
Median:	46.86 µm	S.D.:	42.49 µm
D(3,2):	10.42 µm	Variance:	1805 μm^2
Mean/Median Ratio:	1.104	C.V.:	82.2%
Mode:	72.95 µm	Skewness:	0.937 Right skewed
d_{10}:	3.458 µm	Kurtosis:	0.810 Leptokurtic
d_{50}:	46.86 µm		
d_{90}:	106.9 µm		
Specific Surf. Area	5759 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.458	14.14	46.86	77.30	106.9

231.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.11	500.0	100
5.000	13.6	1000	100
10.00	20.9	2000	100
15.00	25.8		
20.00	30.2		
25.00	34.4		
50.00	52.3		
60.00	60.4		
63.00	63.0		
70.00	69.1		
75.00	73.2		
90.00	83.2		
125.0	94.0		
200.0	99.6		
250.0	100.0		
400.0	100		

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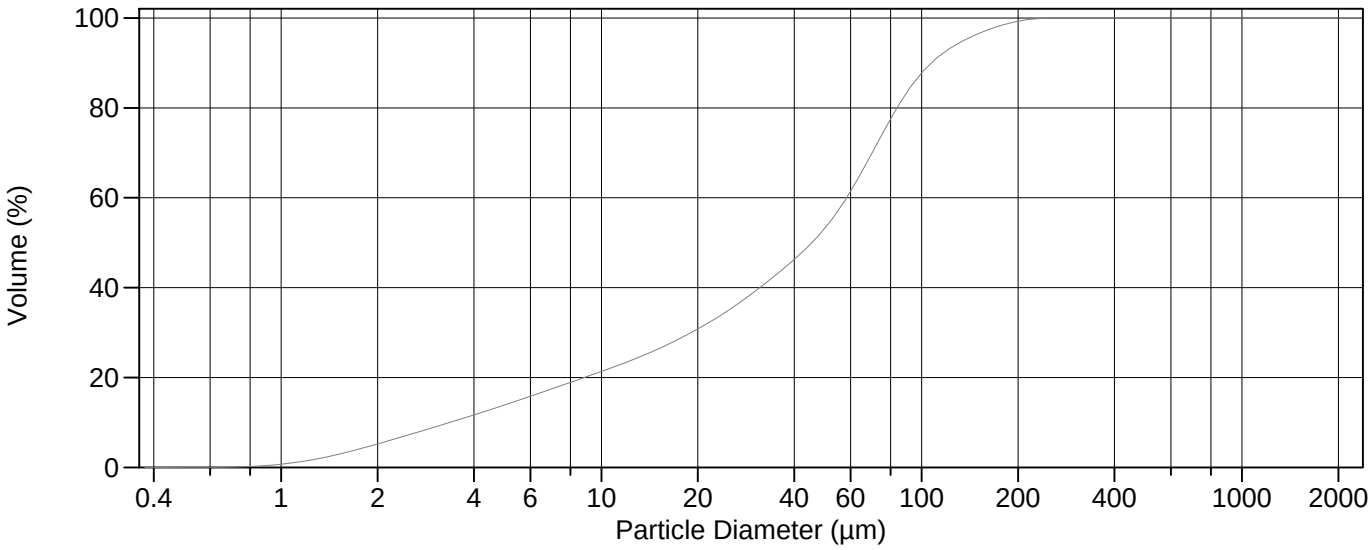

Volume Statistics (Arithmetic) 232.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	51.52 µm	95% Conf. Limits:	0-137.3 µm
Median:	45.40 µm	S.D.:	43.74 µm
D(3,2):	10.24 µm	Variance:	1913 μm^2
Mean/Median Ratio:	1.135	C.V.:	84.9%
Mode:	72.95 µm	Skewness:	1.091 Right skewed
d_{10}:	3.366 µm	Kurtosis:	1.347 Leptokurtic
d_{50}:	45.40 µm		
d_{90}:	107.4 µm		
Specific Surf. Area	5861 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.366	13.61	45.40	76.32	107.4

232.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.22	500.0	100
5.000	13.9	1000	100
10.00	21.4	2000	100
15.00	26.3		
20.00	30.8		
25.00	35.0		
50.00	53.3		
60.00	61.4		
63.00	64.0		
70.00	70.0		
75.00	73.9		
90.00	83.5		
125.0	93.6		
200.0	99.3		
250.0	100.0		
400.0	100		

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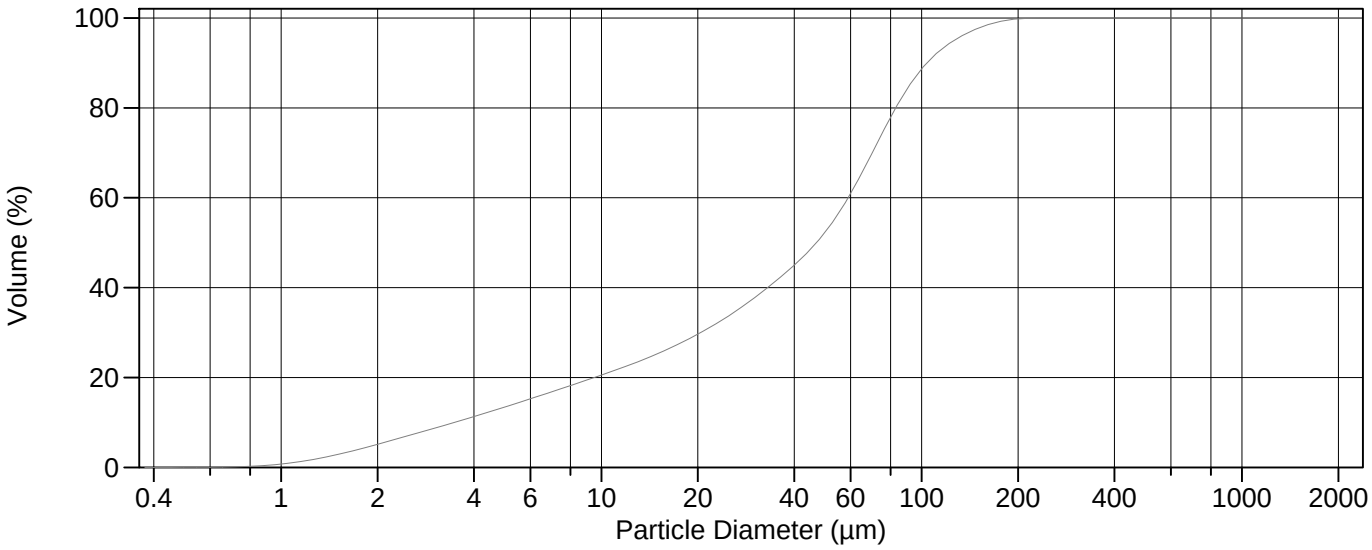

Volume Statistics (Arithmetic) 233.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	50.84 µm	95% Conf. Limits:	0-130.4 µm
Median:	46.92 µm	S.D.:	40.58 µm
D(3,2):	10.44 µm	Variance:	1647 μm^2
Mean/Median Ratio:	1.084	C.V.:	79.8%
Mode:	72.95 µm	Skewness:	0.837 Right skewed
d_{10}:	3.471 µm	Kurtosis:	0.529 Leptokurtic
d_{50}:	46.92 µm		
d_{90}:	104.0 µm		
Specific Surf. Area	5749 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.471	14.65	46.92	76.06	104.0

233.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.15	500.0	100
5.000	13.4	1000	100
10.00	20.6	2000	100
15.00	25.3		
20.00	29.7		
25.00	33.8		
50.00	52.4		
60.00	60.9		
63.00	63.7		
70.00	69.9		
75.00	74.1		
90.00	84.2		
125.0	94.8		
200.0	99.8		
250.0	100.0		
400.0	100		

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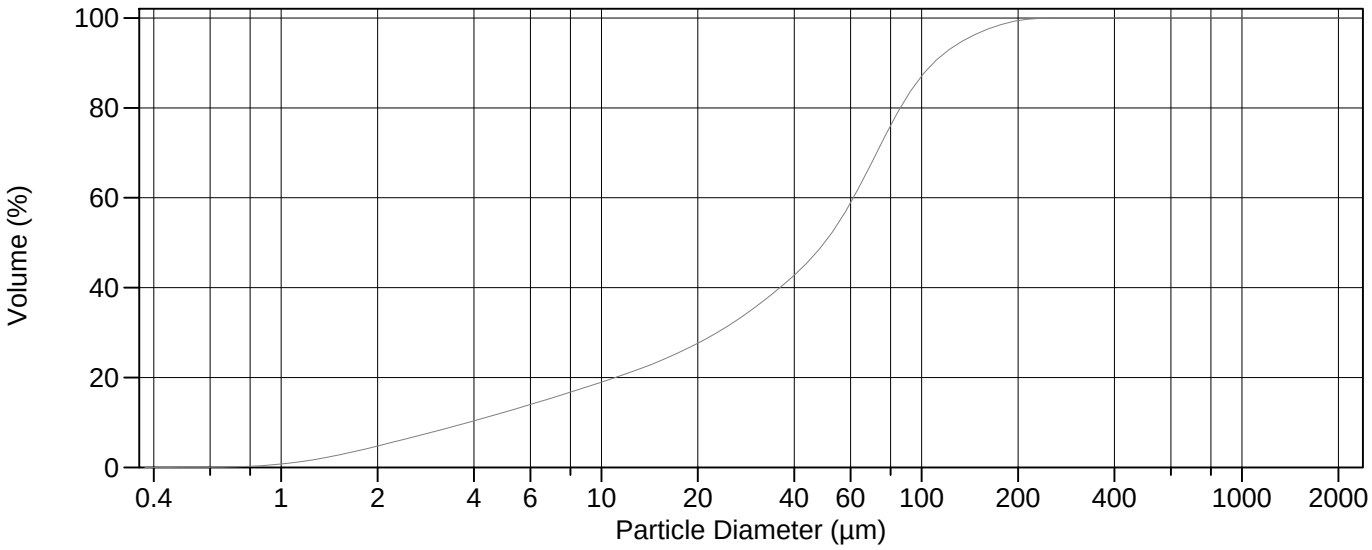

Volume Statistics (Arithmetic) 234.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	53.84 µm	95% Conf. Limits:	0-138.2 µm
Median:	49.70 µm	S.D.:	43.04 µm
D(3,2):	11.12 µm	Variance:	1852 μm^2
Mean/Median Ratio:	1.083	C.V.:	79.9%
Mode:	72.95 µm	Skewness:	0.969 Right skewed
d_{10}:	3.833 µm	Kurtosis:	1.047 Leptokurtic
d_{50}:	49.70 µm		
d_{90}:	109.0 µm		
Specific Surf. Area	5397 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.833	16.79	49.70	78.56	109.0

234.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	4.76	500.0	100
5.000	12.3	1000	100
10.00	19.0	2000	100
15.00	23.5		
20.00	27.6		
25.00	31.6		
50.00	50.2		
60.00	58.9		
63.00	61.6		
70.00	68.0		
75.00	72.2		
90.00	82.4		
125.0	93.5		
200.0	99.4		
250.0	100.0		
400.0	100		

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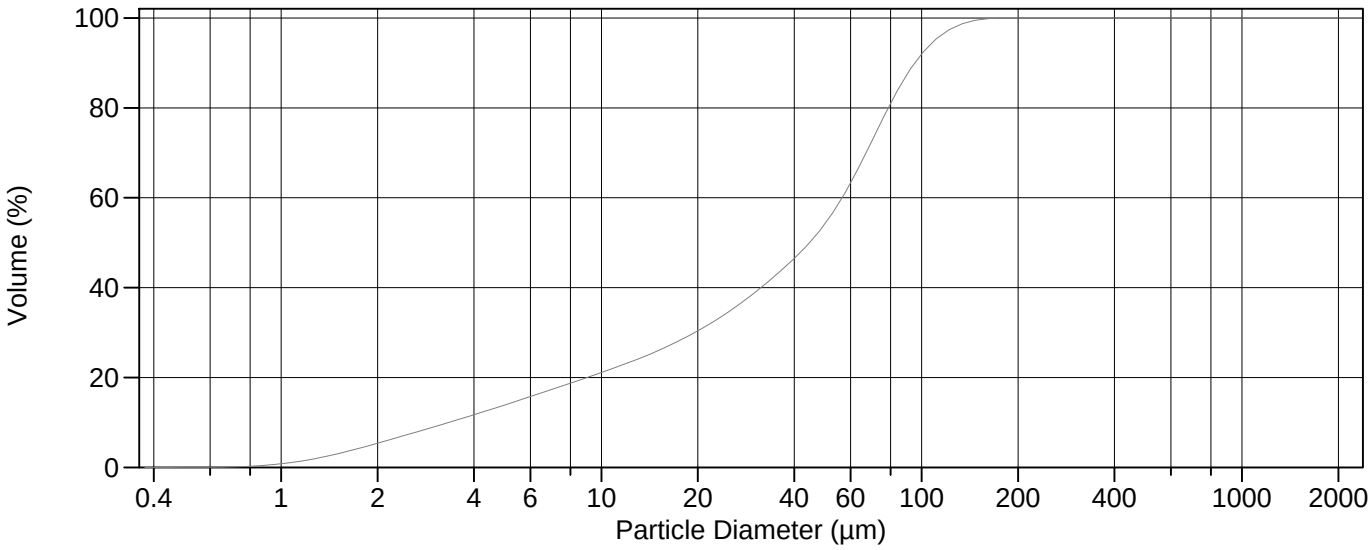

Volume Statistics (Arithmetic) 235.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	47.06 µm	95% Conf. Limits:	0-116.8 µm
Median:	44.65 µm	S.D.:	35.57 µm
D(3,2):	10.08 µm	Variance:	1266 μm^2
Mean/Median Ratio:	1.054	C.V.:	75.6%
Mode:	72.95 µm	Skewness:	0.521 Right skewed
d_{10}:	3.336 µm	Kurtosis:	-0.434 Platykurtic
d_{50}:	44.65 µm		
d_{90}:	95.32 µm		
Specific Surf. Area	5950 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.336	13.96	44.65	72.61	95.32

235.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.39	500.0	100
5.000	13.9	1000	100
10.00	21.1	2000	100
15.00	26.0		
20.00	30.4		
25.00	34.7		
50.00	54.3		
60.00	63.3		
63.00	66.2		
70.00	72.7		
75.00	77.1		
90.00	87.4		
125.0	97.7		
200.0	100.0		
250.0	100		
400.0	100		

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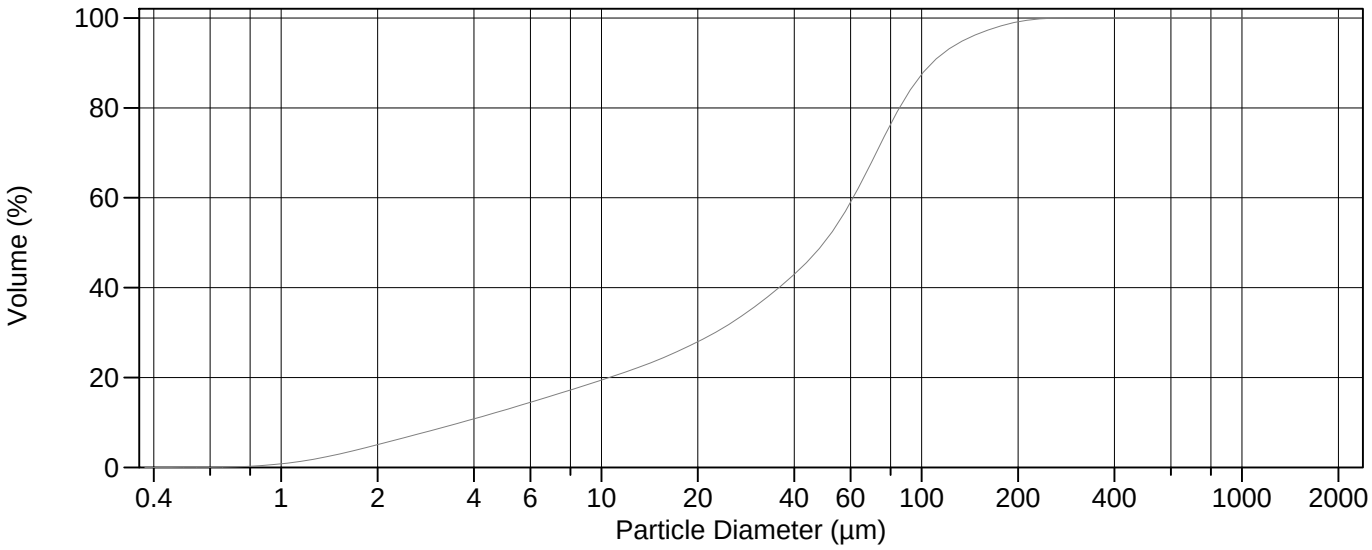

Volume Statistics (Arithmetic) 236.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	53.73 µm	95% Conf. Limits:	0-139.3 µm
Median:	49.53 µm	S.D.:	43.67 µm
D(3,2):	10.78 µm	Variance:	1907 μm^2
Mean/Median Ratio:	1.085	C.V.:	81.3%
Mode:	72.95 µm	Skewness:	1.073 Right skewed
d_{10}:	3.644 µm	Kurtosis:	1.543 Leptokurtic
d_{50}:	49.53 µm		
d_{90}:	108.0 µm		
Specific Surf. Area	5564 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.644	16.32	49.53	78.23	108.0

236.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.06	500.0	100
5.000	12.8	1000	100
10.00	19.4	2000	100
15.00	23.9		
20.00	28.0		
25.00	31.8		
50.00	50.4		
60.00	59.0		
63.00	61.8		
70.00	68.2		
75.00	72.4		
90.00	82.8		
125.0	93.6		
200.0	99.1		
250.0	99.9		
400.0	100		

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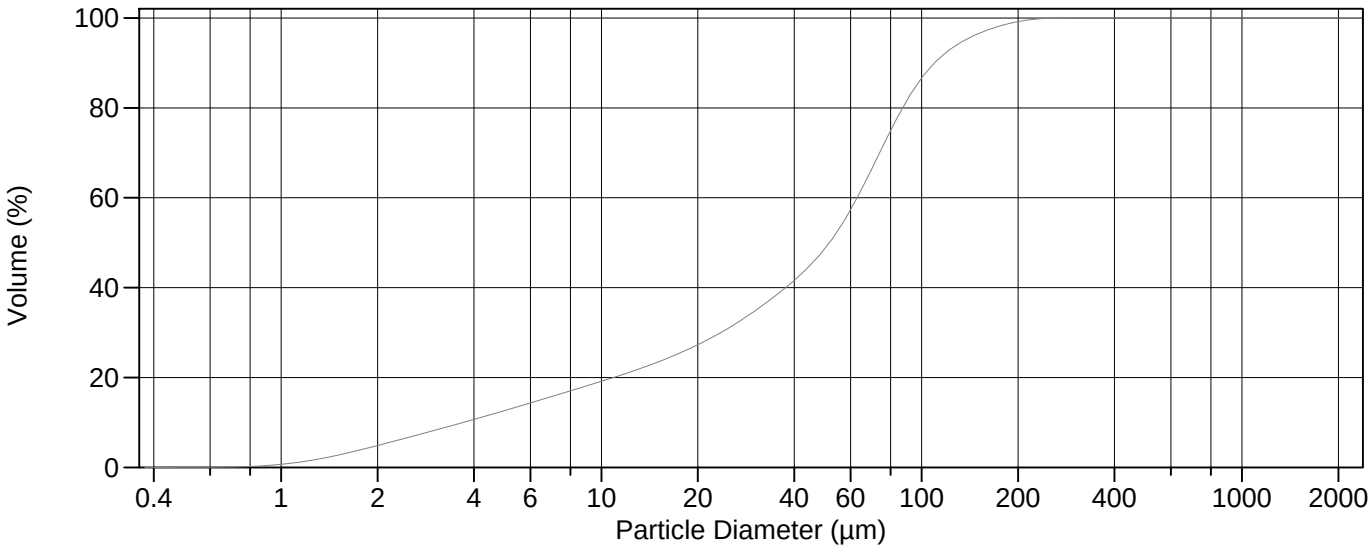

Volume Statistics (Arithmetic) 237.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	54.92 µm	95% Conf. Limits:	0-140.8 µm
Median:	51.53 µm	S.D.:	43.80 µm
D(3,2):	11.07 µm	Variance:	1918 μm^2
Mean/Median Ratio:	1.066	C.V.:	79.7%
Mode:	72.95 µm	Skewness:	0.988 Right skewed
d_{10}:	3.699 µm	Kurtosis:	1.269 Leptokurtic
d_{50}:	51.53 µm		
d_{90}:	109.7 µm		
Specific Surf. Area	5420 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.699	17.00	51.53	80.11	109.7

237.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	4.87	500.0	100
5.000	12.7	1000	100
10.00	19.2	2000	100
15.00	23.4		
20.00	27.3		
25.00	31.0		
50.00	48.8		
60.00	57.3		
63.00	60.1		
70.00	66.6		
75.00	70.9		
90.00	81.7		
125.0	93.4		
200.0	99.2		
250.0	99.9		
400.0	100		

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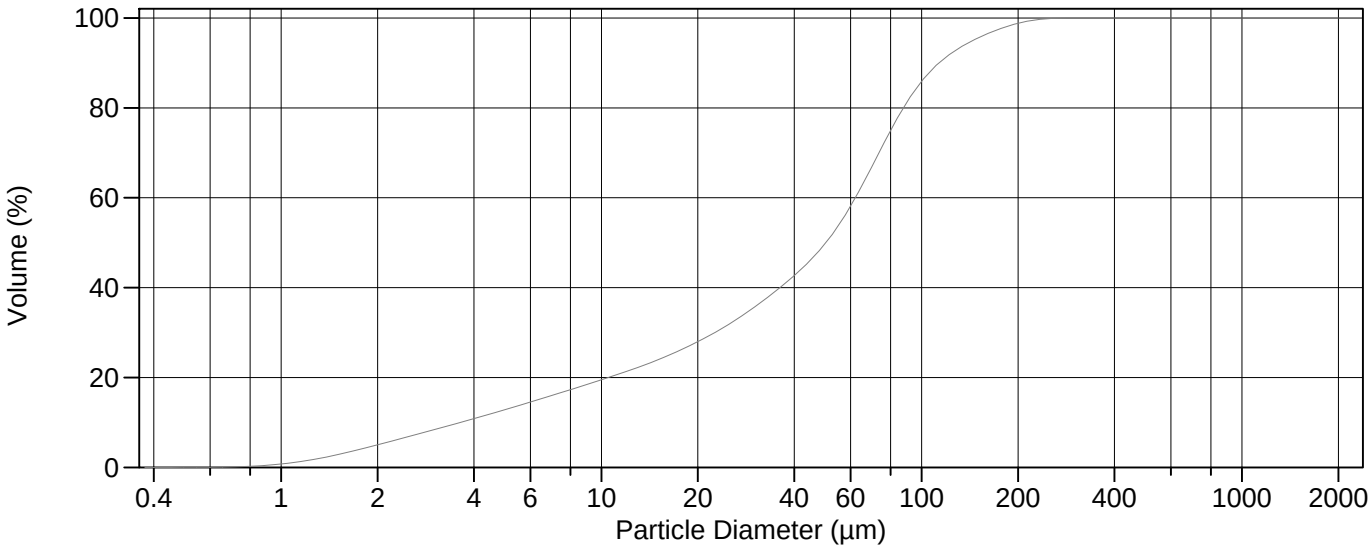

Volume Statistics (Arithmetic) 238.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	55.39 µm	95% Conf. Limits:	0-145.7 µm
Median:	50.21 µm	S.D.:	46.07 µm
D(3,2):	10.83 µm	Variance:	2122 μm^2
Mean/Median Ratio:	1.103	C.V.:	83.2%
Mode:	72.95 µm	Skewness:	1.128 Right skewed
d_{10}:	3.631 µm	Kurtosis:	1.594 Leptokurtic
d_{50}:	50.21 µm		
d_{90}:	113.4 µm		
Specific Surf. Area	5541 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.631	16.30	50.21	80.09	113.4

238.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.03	500.0	100
5.000	12.8	1000	100
10.00	19.5	2000	100
15.00	23.9		
20.00	28.0		
25.00	31.8		
50.00	49.8		
60.00	58.2		
63.00	60.8		
70.00	67.0		
75.00	71.2		
90.00	81.3		
125.0	92.3		
200.0	98.8		
250.0	99.9		
400.0	100		

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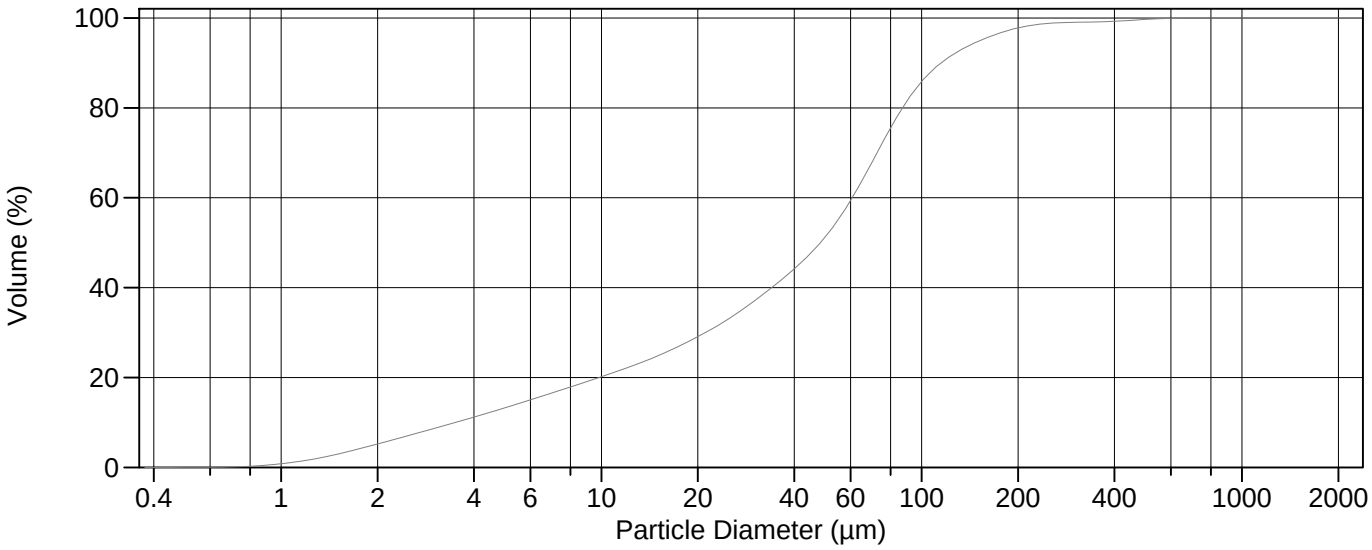

Volume Statistics (Arithmetic) 239.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	57.78 µm	95% Conf. Limits:	0-178.3 µm
Median:	48.31 µm	S.D.:	61.47 µm
D(3,2):	10.51 µm	Variance:	3778 μm^2
Mean/Median Ratio:	1.196	C.V.:	106%
Mode:	72.95 µm	Skewness:	3.543 Right skewed
d_{10}:	3.501 µm	Kurtosis:	21.71 Leptokurtic
d_{50}:	48.31 µm		
d_{90}:	115.1 µm		
Specific Surf. Area	5709 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.501	15.21	48.31	79.25	115.1

239.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.22	500.0	99.7
5.000	13.3	1000	100
10.00	20.2	2000	100
15.00	24.8		
20.00	29.1		
25.00	33.1		
50.00	51.3		
60.00	59.4		
63.00	62.0		
70.00	67.9		
75.00	71.9		
90.00	81.5		
125.0	91.8		
200.0	97.8		
250.0	98.8		
400.0	99.3		

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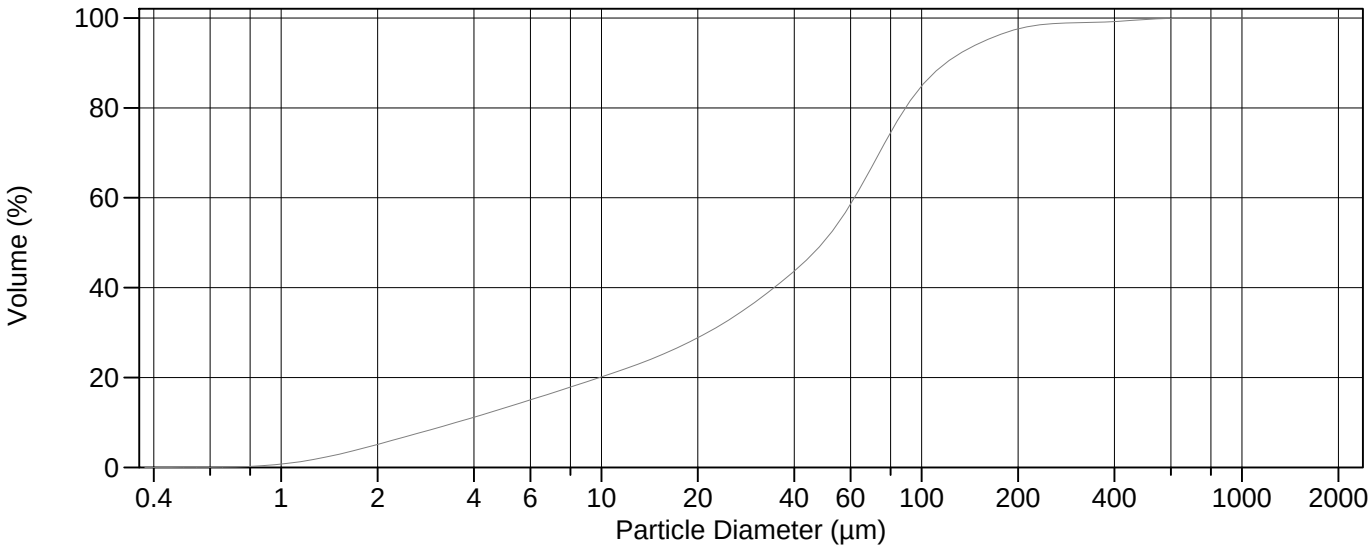

Volume Statistics (Arithmetic) 240.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	59.23 µm	95% Conf. Limits:	0-183.2 µm
Median:	49.16 µm	S.D.:	63.27 µm
D(3,2):	10.64 µm	Variance:	4003 μm^2
Mean/Median Ratio:	1.205	C.V.:	107%
Mode:	72.95 µm	Skewness:	3.427 Right skewed
d_{10}:	3.517 µm	Kurtosis:	19.95 Leptokurtic
d_{50}:	49.16 µm		
d_{90}:	119.2 µm		
Specific Surf. Area	5640 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.517	15.36	49.16	80.77	119.2

240.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.11	500.0	99.7
5.000	13.2	1000	100
10.00	20.1	2000	100
15.00	24.7		
20.00	28.9		
25.00	32.8		
50.00	50.6		
60.00	58.6		
63.00	61.1		
70.00	67.0		
75.00	70.9		
90.00	80.5		
125.0	91.1		
200.0	97.6		
250.0	98.7		
400.0	99.2		

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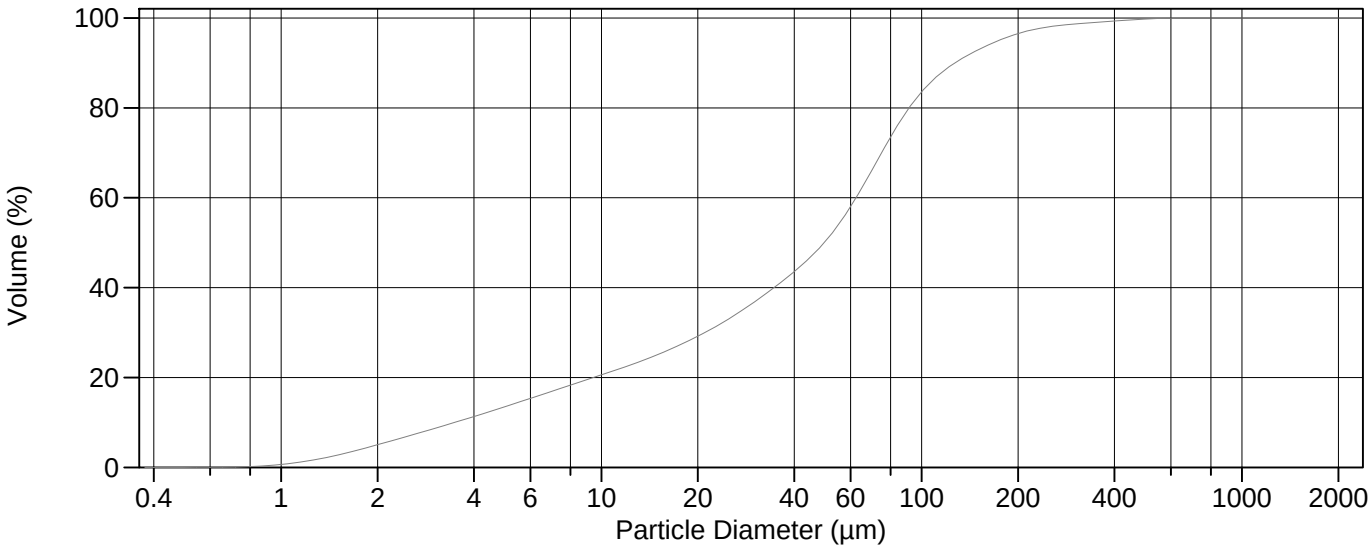

Volume Statistics (Arithmetic) 241.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	61.35 µm	95% Conf. Limits:	0-190.3 µm
Median:	49.59 µm	S.D.:	65.81 µm
D(3,2):	10.65 µm	Variance:	4331 μm^2
Mean/Median Ratio:	1.237	C.V.:	107%
Mode:	72.95 µm	Skewness:	2.934 Right skewed
d_{10}:	3.477 µm	Kurtosis:	14.08 Leptokurtic
d_{50}:	49.59 µm		
d_{90}:	127.2 µm		
Specific Surf. Area	5631 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.477	14.88	49.59	82.30	127.2

241.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.05	500.0	99.8
5.000	13.5	1000	100
10.00	20.6	2000	100
15.00	25.1		
20.00	29.2		
25.00	33.1		
50.00	50.3		
60.00	58.0		
63.00	60.5		
70.00	66.2		
75.00	70.0		
90.00	79.3		
125.0	89.7		
200.0	96.5		
250.0	98.0		
400.0	99.3		

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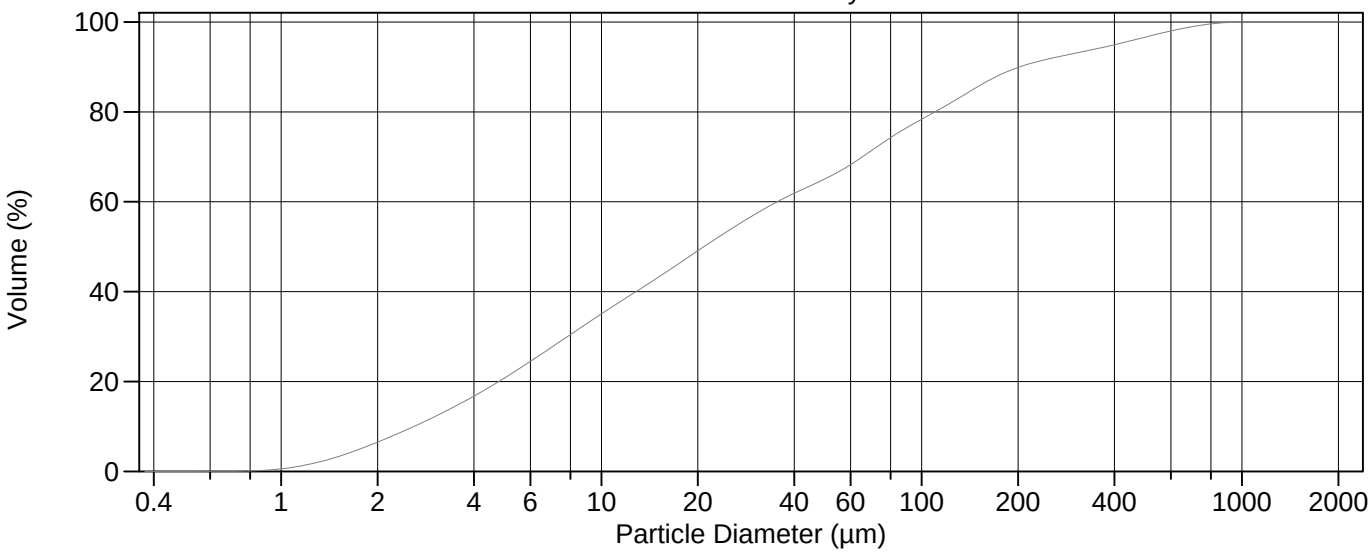


Volume Statistics (Arithmetic) 242.$02

Calculations from 0.375 µm to 2000 µm

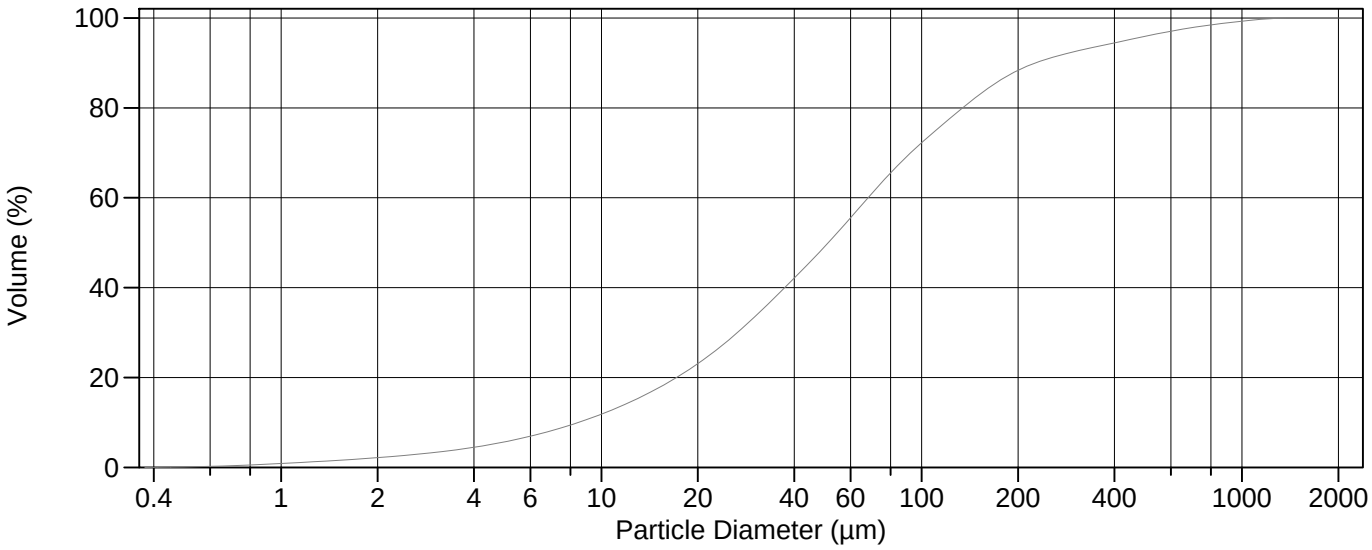
Volume	100.0%		
Mean:	78.30 µm	95% Conf. Limits:	0-351.8 µm
Median:	20.89 µm	S.D.:	139.6 µm
D(3,2):	7.631 µm	Variance:	19477 μm^2
Mean/Median Ratio:	3.748	C.V.:	178%
Mode:	72.95 µm	Skewness:	3.073 Right skewed
d_{10}:	2.597 µm	Kurtosis:	10.32 Leptokurtic
d_{50}:	20.89 µm		
d_{90}:	202.5 µm		
Specific Surf. Area	7863 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.597	6.152	20.89	82.94	202.5

242.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.52	500.0	96.7
5.000	20.8	1000	100.0
10.00	35.0	2000	100
15.00	43.1		
20.00	49.1		
25.00	53.6		
50.00	65.1		
60.00	68.3		
63.00	69.2		
70.00	71.5		
75.00	72.9		
90.00	76.5		
125.0	82.3		
200.0	89.9		
250.0	91.8		
400.0	94.9		

2014.0017 - stand. MINN



Volume Statistics (Arithmetic) 243.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	104.6 µm	95% Conf. Limits:	0-430.8 µm
Median:	51.13 µm	S.D.:	166.4 µm
D(3,2):	16.10 µm	Variance:	27690 µm^2
Mean/Median Ratio:	2.046	C.V.:	159%
Mode:	66.44 µm	Skewness:	3.678 Right skewed
d_{10}:	8.469 µm	Kurtosis:	16.17 Leptokurtic
d_{50}:	51.13 µm		
d_{90}:	227.1 µm		
Specific Surf. Area	3728 cm^2/ml		

% <	10	25	50	75	90
Size µm	8.469	21.78	51.13	110.7	227.1

243.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	2.17	500.0	95.9
5.000	5.70	1000	99.3
10.00	11.8	2000	100
15.00	17.6		
20.00	23.1		
25.00	28.4		
50.00	49.3		
60.00	55.5		
63.00	57.3		
70.00	61.0		
75.00	63.4		
90.00	69.2		
125.0	78.2		
200.0	88.3		
250.0	91.0		
400.0	94.5		

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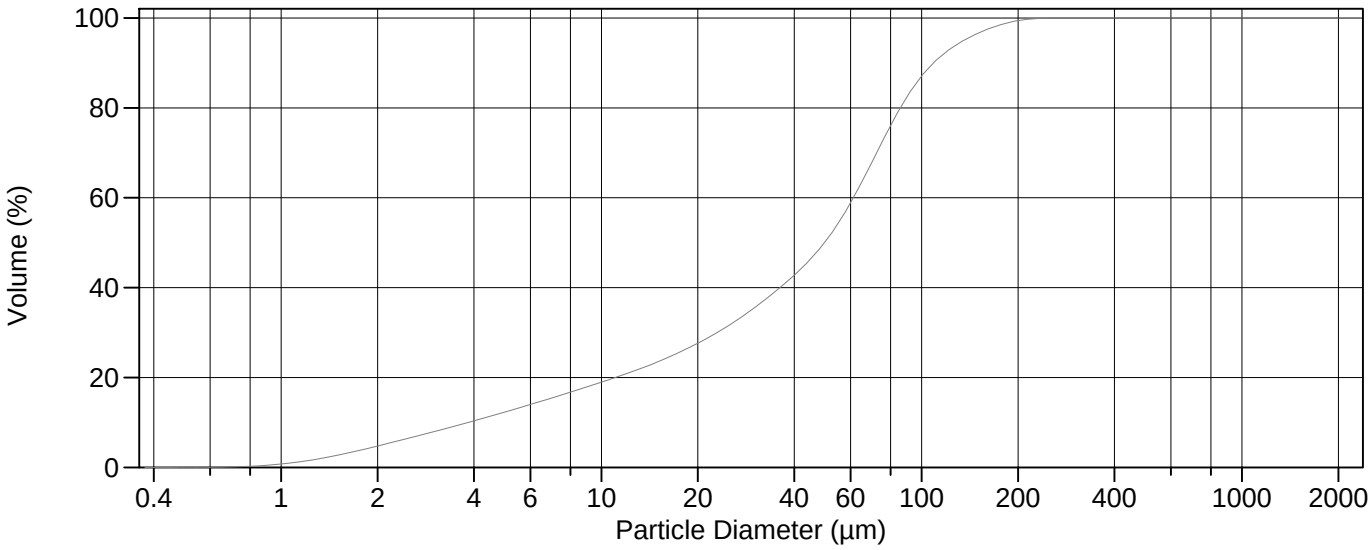

Volume Statistics (Arithmetic) 234.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	53.84 µm	95% Conf. Limits:	0-138.2 µm
Median:	49.70 µm	S.D.:	43.04 µm
D(3,2):	11.12 µm	Variance:	1852 μm^2
Mean/Median Ratio:	1.083	C.V.:	79.9%
Mode:	72.95 µm	Skewness:	0.969 Right skewed
d_{10}:	3.833 µm	Kurtosis:	1.047 Leptokurtic
d_{50}:	49.70 µm		
d_{90}:	109.0 µm		
Specific Surf. Area	5397 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.833	16.79	49.70	78.56	109.0

234.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	4.76	500.0	100
5.000	12.3	1000	100
10.00	19.0	2000	100
15.00	23.5		
20.00	27.6		
25.00	31.6		
50.00	50.2		
60.00	58.9		
63.00	61.6		
70.00	68.0		
75.00	72.2		
90.00	82.4		
125.0	93.5		
200.0	99.4		
250.0	100.0		
400.0	100		

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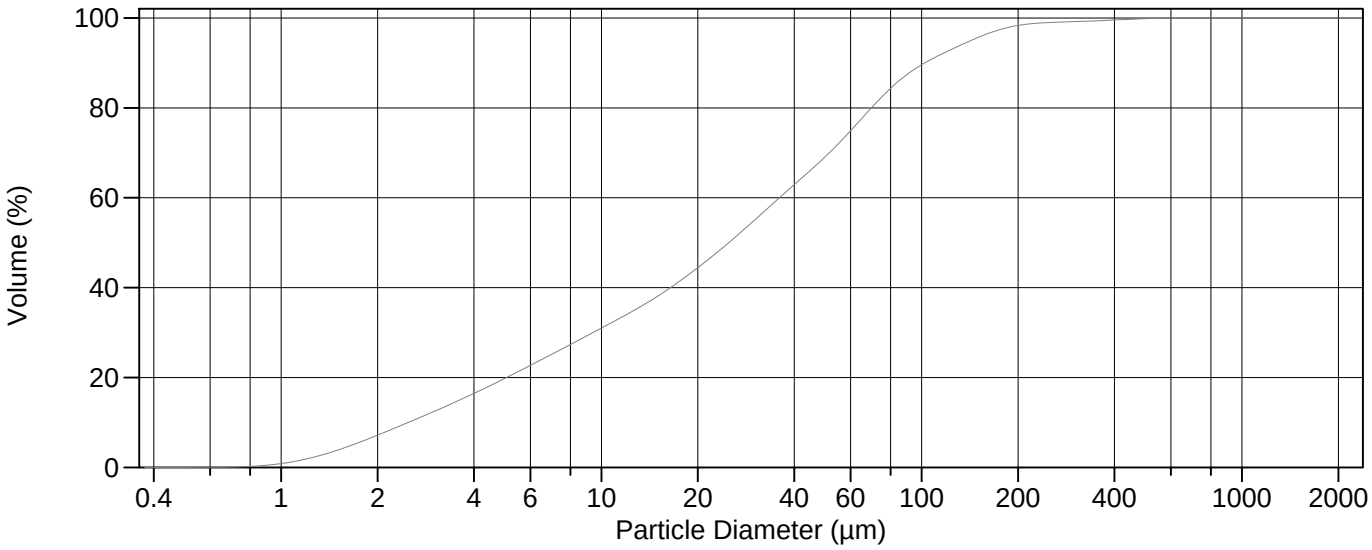

Volume Statistics (Arithmetic) 245.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	43.16 µm	95% Conf. Limits:	0-153.1 µm
Median:	24.98 µm	S.D.:	56.07 µm
D(3,2):	7.630 µm	Variance:	3144 μm^2
Mean/Median Ratio:	1.728	C.V.:	130%
Mode:	66.44 µm	Skewness:	3.575 Right skewed
d_{10}:	2.495 µm	Kurtosis:	20.91 Leptokurtic
d_{50}:	24.98 µm		
d_{90}:	102.2 µm		
Specific Surf. Area	7863 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.495	6.927	24.98	60.21	102.2

245.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.18	500.0	99.9
5.000	19.8	1000	100
10.00	31.0	2000	100
15.00	38.1		
20.00	44.4		
25.00	50.0		
50.00	69.1		
60.00	74.9		
63.00	76.6		
70.00	80.2		
75.00	82.4		
90.00	87.4		
125.0	93.1		
200.0	98.3		
250.0	99.0		
400.0	99.6		

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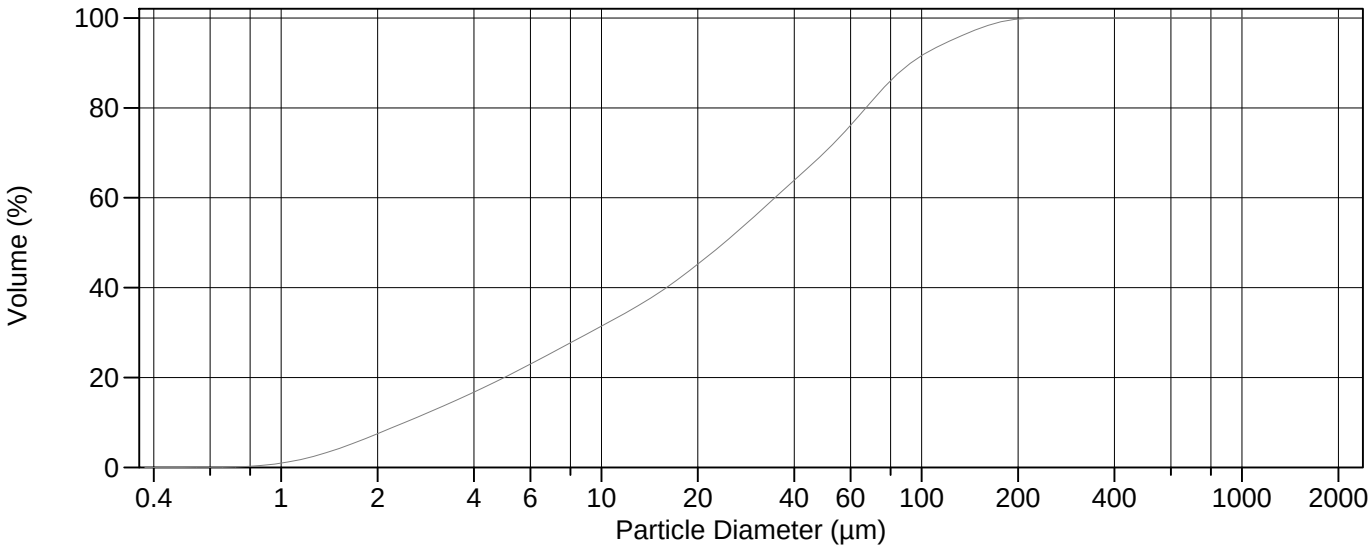

Volume Statistics (Arithmetic) 246#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	38.16 µm	95% Conf. Limits:	0-116.6 µm
Median:	24.20 µm	S.D.:	40.03 µm
D(3,2):	7.437 µm	Variance:	1603 μm^2
Mean/Median Ratio:	1.577	C.V.:	105%
Mode:	66.44 µm	Skewness:	1.523 Right skewed
d_{10}:	2.430 µm	Kurtosis:	2.267 Leptokurtic
d_{50}:	24.20 µm		
d_{90}:	92.46 µm		
Specific Surf. Area	8068 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.430	6.782	24.20	58.09	92.46

246#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.50	500.0	100
5.000	20.1	1000	100
10.00	31.4	2000	100
15.00	38.7		
20.00	45.2		
25.00	50.9		
50.00	70.2		
60.00	76.1		
63.00	77.8		
70.00	81.6		
75.00	84.0		
90.00	89.3		
125.0	95.2		
200.0	99.7		
250.0	100.0		
400.0	100		

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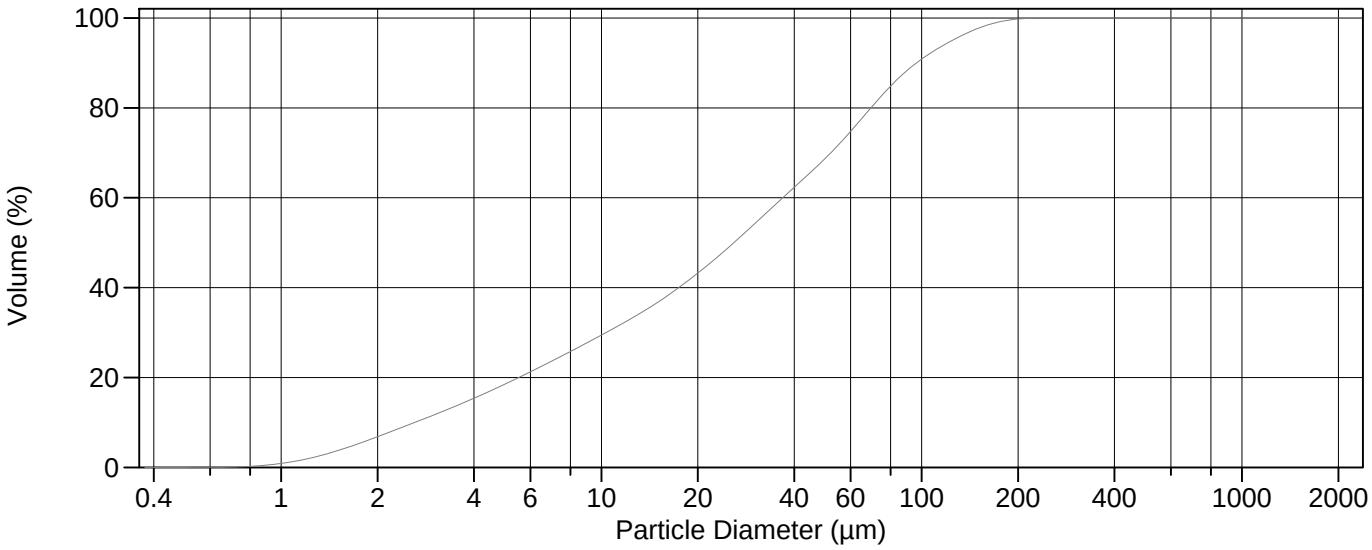

Volume Statistics (Arithmetic) 247.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	39.63 µm	95% Conf. Limits:	0-118.5 µm
Median:	25.92 µm	S.D.:	40.26 µm
D(3,2):	7.920 µm	Variance:	1621 μm^2
Mean/Median Ratio:	1.529	C.V.:	102%
Mode:	66.44 µm	Skewness:	1.424 Right skewed
d_{10}:	2.614 µm	Kurtosis:	1.879 Leptokurtic
d_{50}:	25.92 µm		
d_{90}:	96.39 µm		
Specific Surf. Area	7576 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.614	7.617	25.92	60.43	96.39

247.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.83	500.0	100
5.000	18.5	1000	100
10.00	29.4	2000	100
15.00	36.7		
20.00	43.2		
25.00	49.0		
50.00	68.7		
60.00	74.7		
63.00	76.5		
70.00	80.3		
75.00	82.7		
90.00	88.3		
125.0	95.1		
200.0	99.8		
250.0	100.0		
400.0	100		

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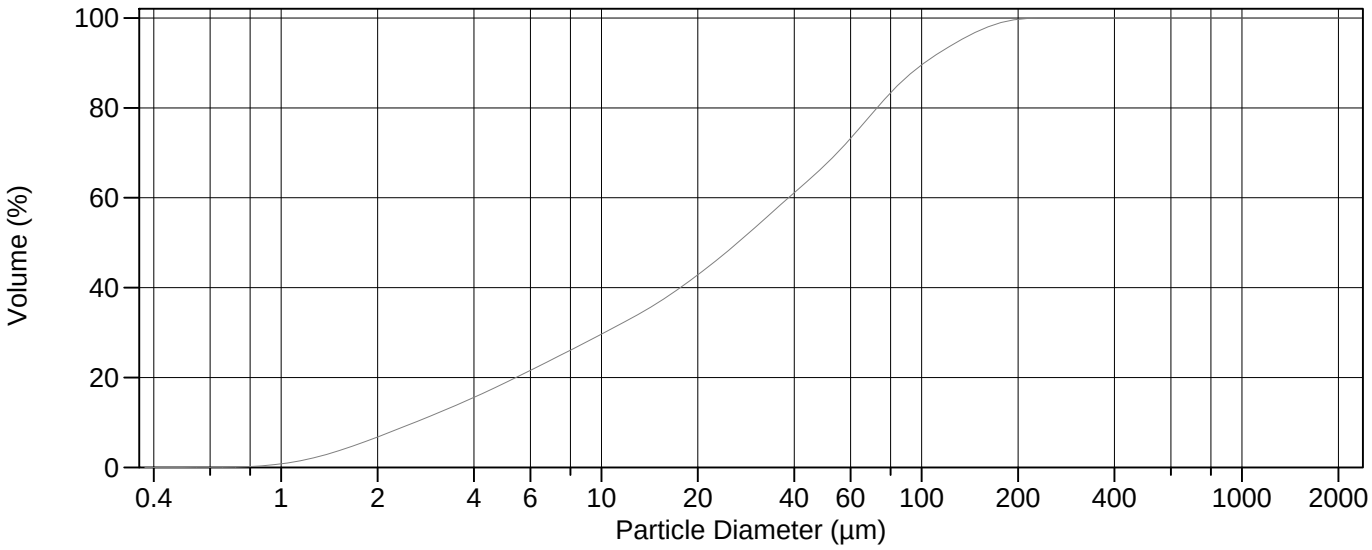

Volume Statistics (Arithmetic) 248.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	41.32 µm	95% Conf. Limits:	0-124.3 µm
Median:	26.63 µm	S.D.:	42.34 µm
D(3,2):	7.960 µm	Variance:	1792 μm^2
Mean/Median Ratio:	1.552	C.V.:	102%
Mode:	66.44 µm	Skewness:	1.392 Right skewed
d_{10}:	2.610 µm	Kurtosis:	1.649 Leptokurtic
d_{50}:	26.63 µm		
d_{90}:	101.8 µm		
Specific Surf. Area	7538 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.610	7.468	26.63	63.10	101.8

248.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.77	500.0	100
5.000	18.8	1000	100
10.00	29.6	2000	100
15.00	36.6		
20.00	42.9		
25.00	48.4		
50.00	67.3		
60.00	73.2		
63.00	74.9		
70.00	78.8		
75.00	81.2		
90.00	86.9		
125.0	94.1		
200.0	99.7		
250.0	100.0		
400.0	100		

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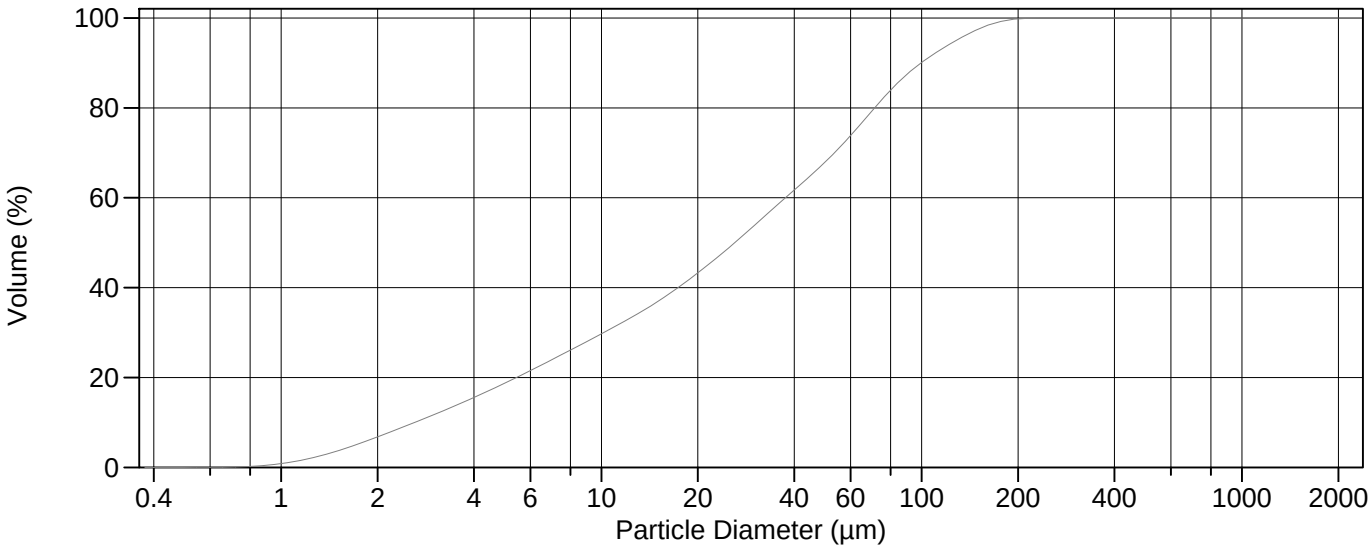

Volume Statistics (Arithmetic) 249.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	40.42 µm	95% Conf. Limits:	0-121.0 µm
Median:	26.09 µm	S.D.:	41.13 µm
D(3,2):	7.919 µm	Variance:	1691 μm^2
Mean/Median Ratio:	1.549	C.V.:	102%
Mode:	66.44 µm	Skewness:	1.364 Right skewed
d_{10}:	2.610 µm	Kurtosis:	1.529 Leptokurtic
d_{50}:	26.09 µm		
d_{90}:	99.59 µm		
Specific Surf. Area	7577 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.610	7.472	26.09	62.04	99.59

249.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.80	500.0	100
5.000	18.8	1000	100
10.00	29.7	2000	100
15.00	36.9		
20.00	43.3		
25.00	48.9		
50.00	67.9		
60.00	73.8		
63.00	75.6		
70.00	79.4		
75.00	81.8		
90.00	87.4		
125.0	94.6		
200.0	99.8		
250.0	100.0		
400.0	100		

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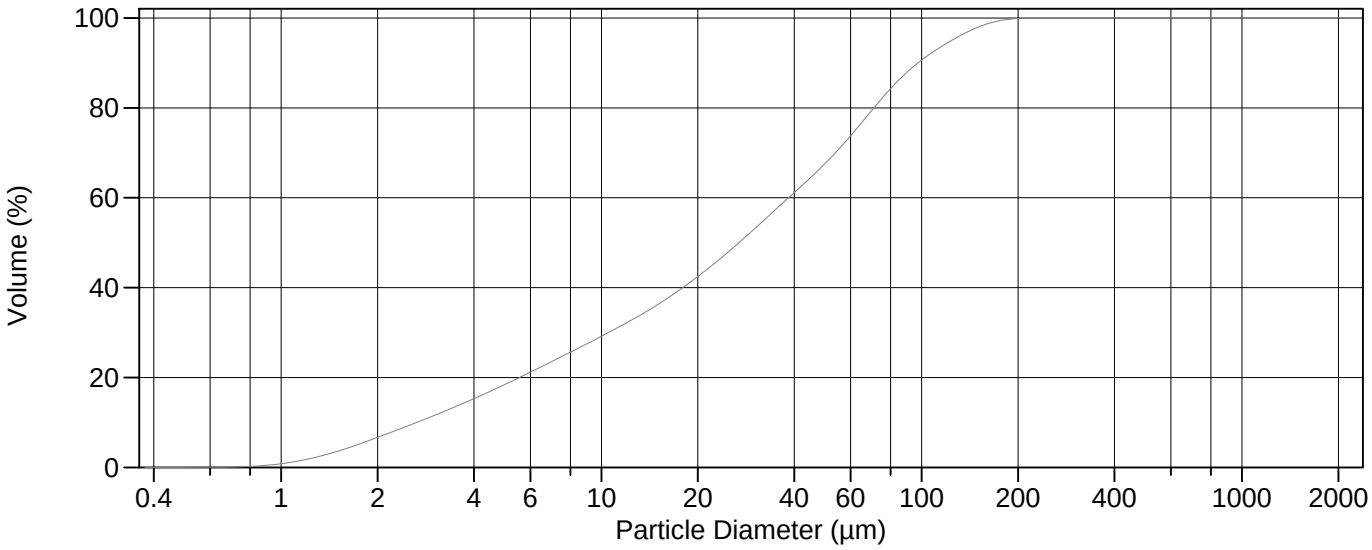

Volume Statistics (Arithmetic) 250.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	40.17 µm	95% Conf. Limits:	0-118.2 µm
Median:	26.89 µm	S.D.:	39.83 µm
D(3,2):	8.036 µm	Variance:	1586 μm^2
Mean/Median Ratio:	1.494	C.V.:	99.1%
Mode:	66.44 µm	Skewness:	1.293 Right skewed
d_{10}:	2.647 µm	Kurtosis:	1.309 Leptokurtic
d_{50}:	26.89 µm		
d_{90}:	97.40 µm		
Specific Surf. Area	7466 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.647	7.686	26.89	62.06	97.40

250.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.67	500.0	100
5.000	18.4	1000	100
10.00	29.2	2000	100
15.00	36.2		
20.00	42.5		
25.00	48.0		
50.00	67.6		
60.00	73.8		
63.00	75.6		
70.00	79.5		
75.00	82.0		
90.00	87.9		
125.0	95.2		
200.0	99.9		
250.0	100.0		
400.0	100		

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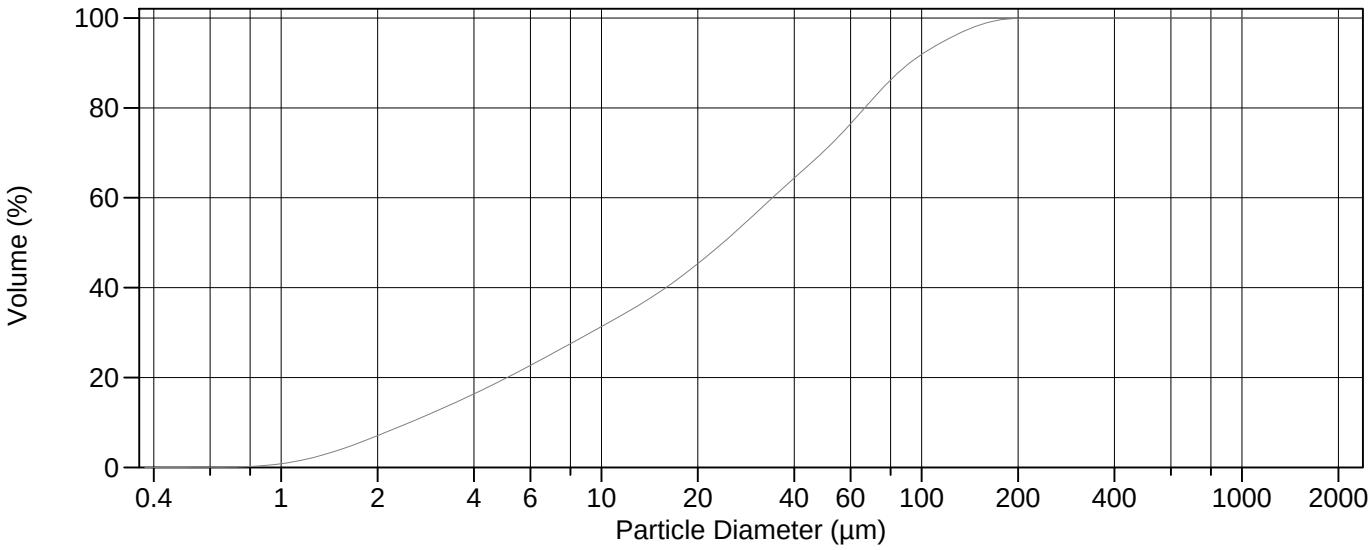

Volume Statistics (Arithmetic) 251.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	37.34 µm	95% Conf. Limits:	0-112.3 µm
Median:	23.98 µm	S.D.:	38.22 µm
D(3,2):	7.608 µm	Variance:	1461 μm^2
Mean/Median Ratio:	1.557	C.V.:	102%
Mode:	66.44 µm	Skewness:	1.390 Right skewed
d_{10}:	2.520 µm	Kurtosis:	1.629 Leptokurtic
d_{50}:	23.98 µm		
d_{90}:	91.67 µm		
Specific Surf. Area	7886 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.520	6.894	23.98	57.48	91.67

251.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.07	500.0	100
5.000	19.7	1000	100
10.00	31.3	2000	100
15.00	38.8		
20.00	45.3		
25.00	51.1		
50.00	70.6		
60.00	76.4		
63.00	78.1		
70.00	81.8		
75.00	84.2		
90.00	89.5		
125.0	95.9		
200.0	99.9		
250.0	100.0		
400.0	100		

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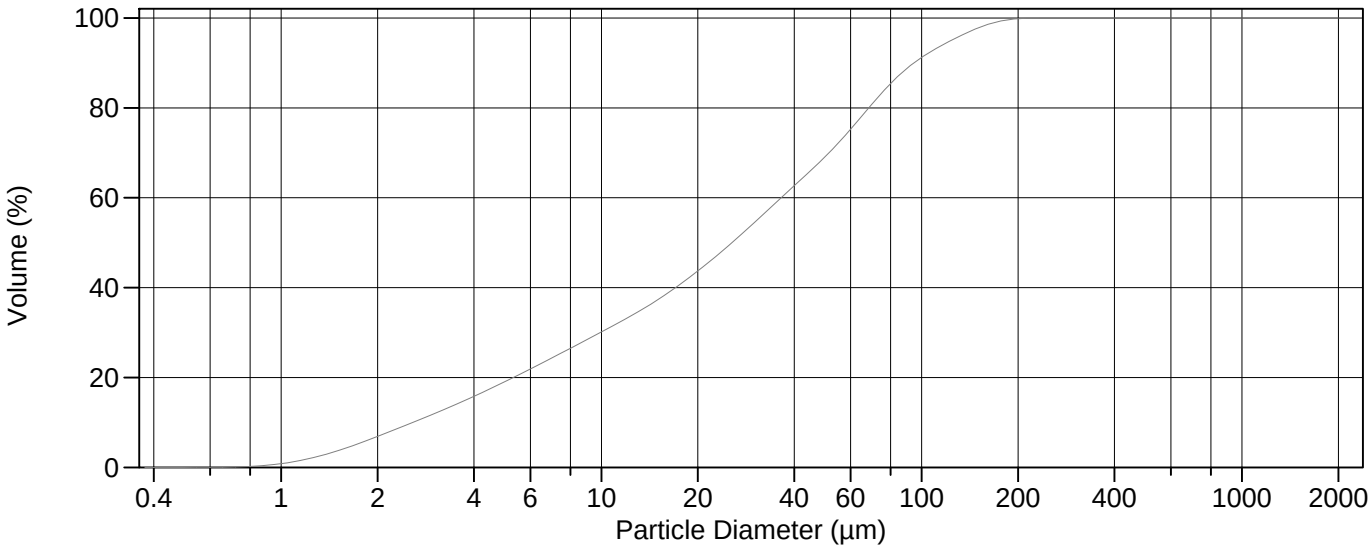

Volume Statistics (Arithmetic) 252.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	39.03 µm	95% Conf. Limits:	0-116.9 µm
Median:	25.57 µm	S.D.:	39.74 µm
D(3,2):	7.820 µm	Variance:	1579 μm^2
Mean/Median Ratio:	1.526	C.V.:	102%
Mode:	66.44 µm	Skewness:	1.415 Right skewed
d_{10}:	2.576 µm	Kurtosis:	1.802 Leptokurtic
d_{50}:	25.57 µm		
d_{90}:	94.57 µm		
Specific Surf. Area	7673 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.576	7.291	25.57	59.64	94.57

252.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.90	500.0	100
5.000	19.1	1000	100
10.00	30.1	2000	100
15.00	37.3		
20.00	43.7		
25.00	49.4		
50.00	69.1		
60.00	75.2		
63.00	77.0		
70.00	80.9		
75.00	83.3		
90.00	88.8		
125.0	95.2		
200.0	99.8		
250.0	100.0		
400.0	100		

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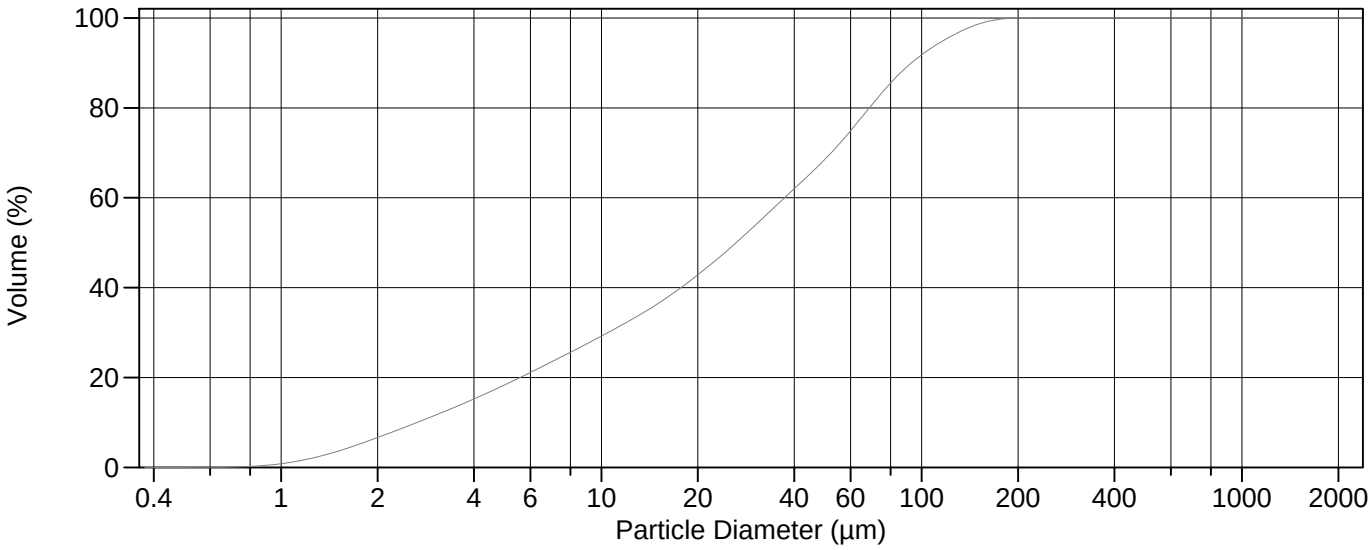

Volume Statistics (Arithmetic) 253.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	38.71 µm	95% Conf. Limits:	0-112.6 µm
Median:	26.35 µm	S.D.:	37.71 µm
D(3,2):	8.027 µm	Variance:	1422 μm^2
Mean/Median Ratio:	1.469	C.V.:	97.4%
Mode:	66.44 µm	Skewness:	1.242 Right skewed
d_{10}:	2.657 µm	Kurtosis:	1.127 Leptokurtic
d_{50}:	26.35 µm		
d_{90}:	92.74 µm		
Specific Surf. Area	7475 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.657	7.700	26.35	60.19	92.74

253.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.64	500.0	100
5.000	18.4	1000	100
10.00	29.2	2000	100
15.00	36.4		
20.00	42.8		
25.00	48.6		
50.00	68.6		
60.00	74.9		
63.00	76.7		
70.00	80.8		
75.00	83.3		
90.00	89.1		
125.0	96.1		
200.0	100.0		
250.0	100		
400.0	100		

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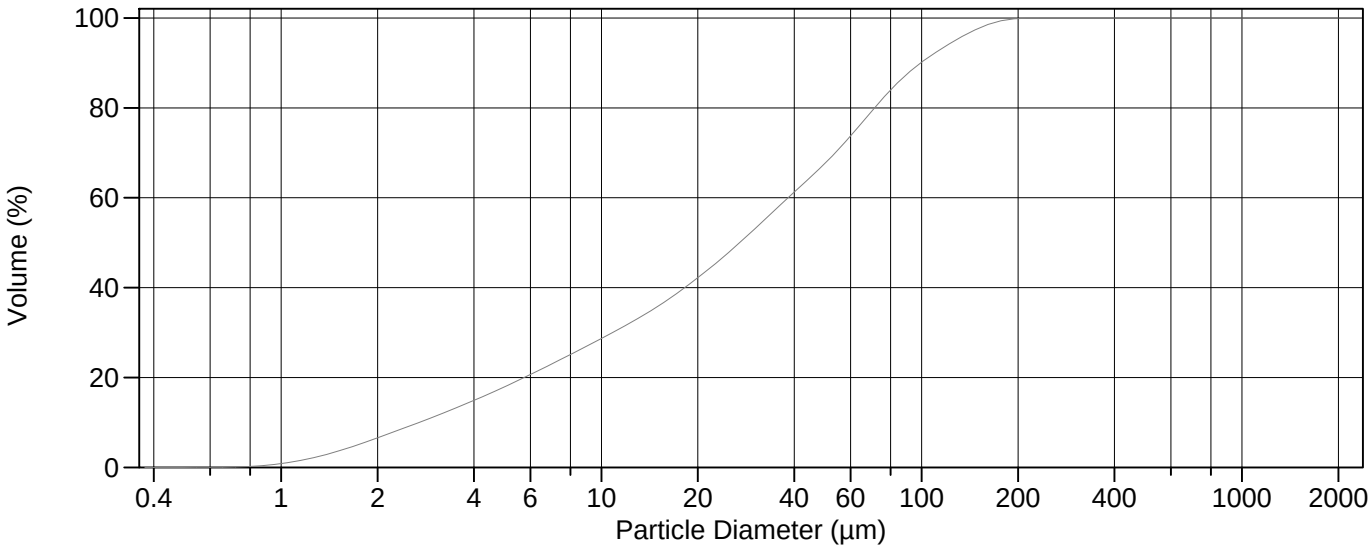

Volume Statistics (Arithmetic) 254.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	40.67 µm	95% Conf. Limits:	0-120.3 µm
Median:	27.01 µm	S.D.:	40.62 µm
D(3,2):	8.131 µm	Variance:	1650 μm^2
Mean/Median Ratio:	1.506	C.V.:	99.9%
Mode:	66.44 µm	Skewness:	1.328 Right skewed
d_{10}:	2.694 µm	Kurtosis:	1.391 Leptokurtic
d_{50}:	27.01 µm		
d_{90}:	99.31 µm		
Specific Surf. Area	7379 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.694	7.946	27.01	62.14	99.31

254.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.58	500.0	100
5.000	18.0	1000	100
10.00	28.7	2000	100
15.00	35.8		
20.00	42.2		
25.00	47.9		
50.00	67.7		
60.00	73.7		
63.00	75.5		
70.00	79.4		
75.00	81.8		
90.00	87.5		
125.0	94.7		
200.0	99.9		
250.0	100.0		
400.0	100		

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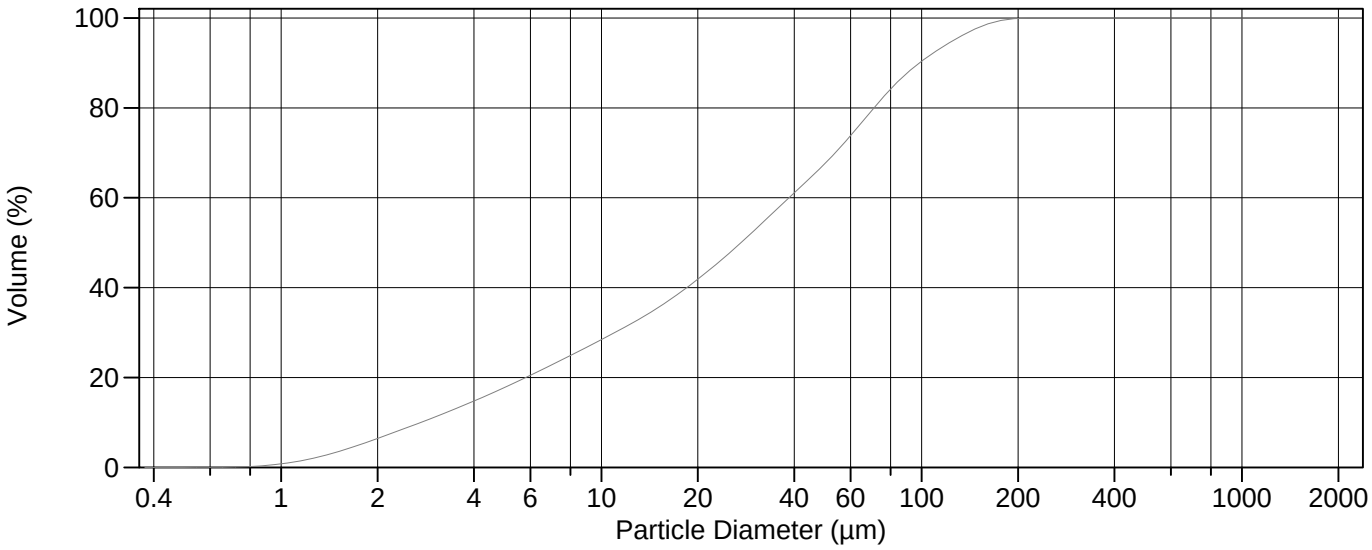

Volume Statistics (Arithmetic) 255.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	40.54 µm	95% Conf. Limits:	0-119.1 µm
Median:	27.27 µm	S.D.:	40.08 µm
D(3,2):	8.232 µm	Variance:	1606 μm^2
Mean/Median Ratio:	1.487	C.V.:	98.9%
Mode:	66.44 µm	Skewness:	1.305 Right skewed
d_{10}:	2.727 µm	Kurtosis:	1.329 Leptokurtic
d_{50}:	27.27 µm		
d_{90}:	98.44 µm		
Specific Surf. Area	7288 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.727	8.052	27.27	61.99	98.44

255.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.44	500.0	100
5.000	17.8	1000	100
10.00	28.4	2000	100
15.00	35.5		
20.00	41.9		
25.00	47.6		
50.00	67.7		
60.00	73.8		
63.00	75.6		
70.00	79.5		
75.00	82.0		
90.00	87.7		
125.0	94.9		
200.0	99.9		
250.0	100.0		
400.0	100		

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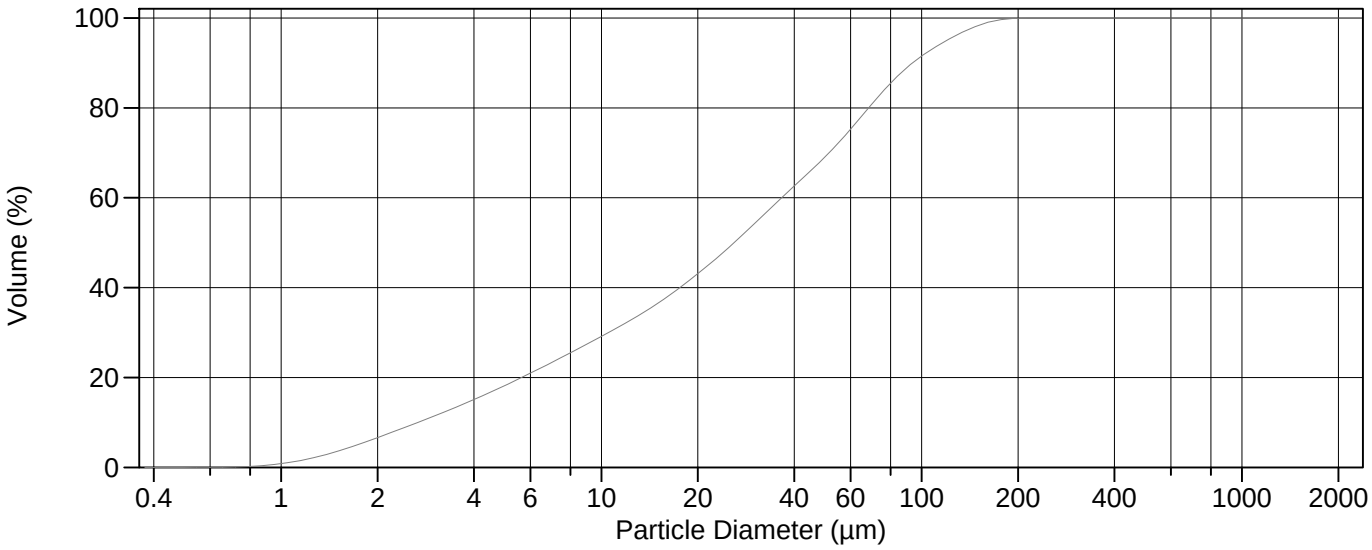

Volume Statistics (Arithmetic) 256.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	38.78 µm	95% Conf. Limits:	0-114.1 µm
Median:	25.95 µm	S.D.:	38.42 µm
D(3,2):	8.029 µm	Variance:	1476 μm^2
Mean/Median Ratio:	1.494	C.V.:	99.1%
Mode:	66.44 µm	Skewness:	1.321 Right skewed
d_{10}:	2.669 µm	Kurtosis:	1.405 Leptokurtic
d_{50}:	25.95 µm		
d_{90}:	93.67 µm		
Specific Surf. Area	7473 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.669	7.763	25.95	59.60	93.67

256.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.63	500.0	100
5.000	18.2	1000	100
10.00	29.2	2000	100
15.00	36.5		
20.00	43.1		
25.00	49.0		
50.00	69.1		
60.00	75.2		
63.00	77.0		
70.00	80.9		
75.00	83.4		
90.00	89.0		
125.0	95.7		
200.0	99.9		
250.0	100.0		
400.0	100		

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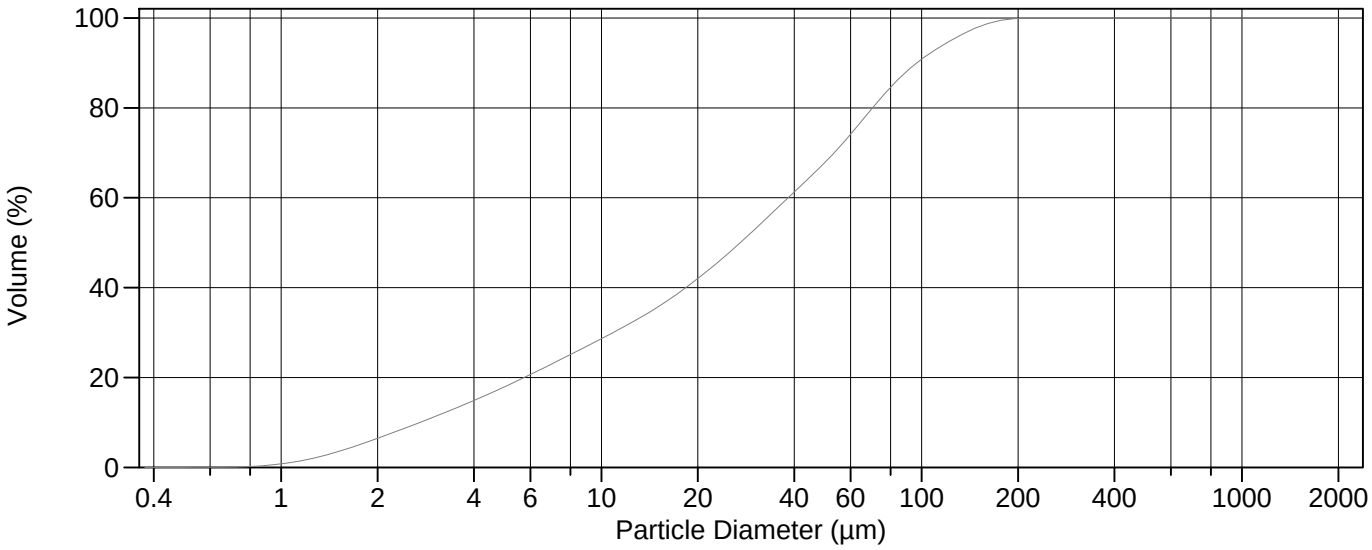

Volume Statistics (Arithmetic) 257.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	40.09 µm	95% Conf. Limits:	0-117.6 µm
Median:	27.13 µm	S.D.:	39.53 µm
D(3,2):	8.189 µm	Variance:	1563 μm^2
Mean/Median Ratio:	1.477	C.V.:	98.6%
Mode:	66.44 µm	Skewness:	1.308 Right skewed
d_{10}:	2.710 µm	Kurtosis:	1.378 Leptokurtic
d_{50}:	27.13 µm		
d_{90}:	96.68 µm		
Specific Surf. Area	7327 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.710	7.952	27.13	61.47	96.68

257.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.48	500.0	100
5.000	18.0	1000	100
10.00	28.6	2000	100
15.00	35.7		
20.00	42.0		
25.00	47.7		
50.00	67.9		
60.00	74.1		
63.00	75.9		
70.00	79.9		
75.00	82.4		
90.00	88.2		
125.0	95.2		
200.0	99.9		
250.0	100.0		
400.0	100		

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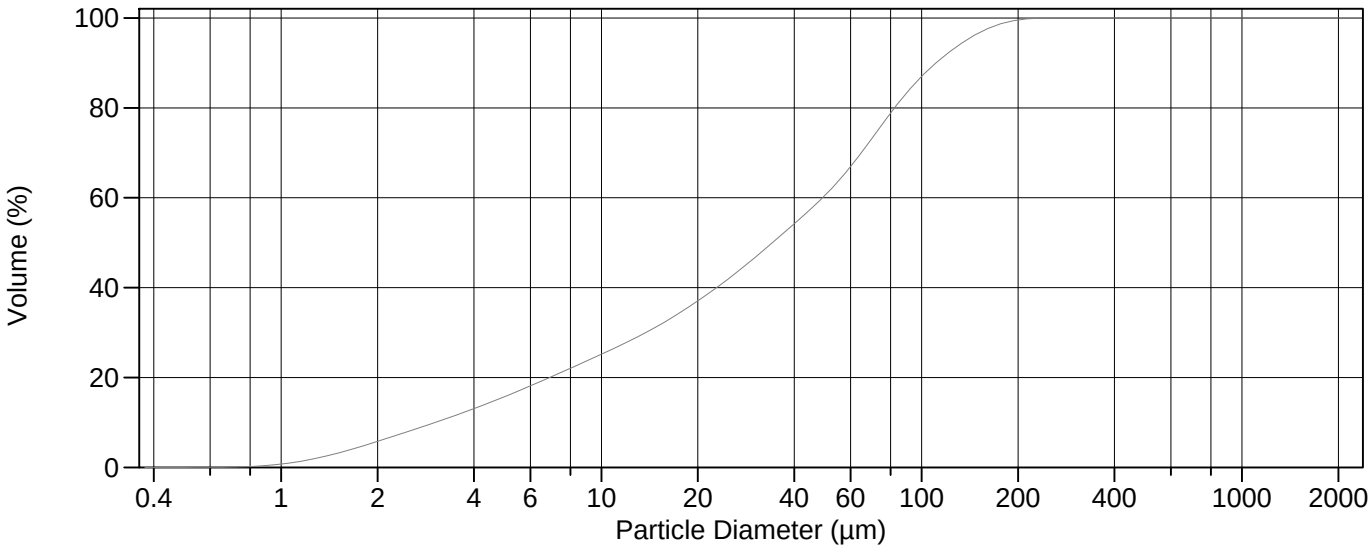

Volume Statistics (Arithmetic) 258#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	47.33 µm	95% Conf. Limits:	0-134.4 µm
Median:	34.19 µm	S.D.:	44.43 µm
D(3,2):	9.130 µm	Variance:	1974 μm^2
Mean/Median Ratio:	1.384	C.V.:	93.9%
Mode:	72.95 µm	Skewness:	1.157 Right skewed
d_{10}:	3.027 µm	Kurtosis:	0.985 Leptokurtic
d_{50}:	34.19 µm		
d_{90}:	110.8 µm		
Specific Surf. Area	6571 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.027	9.869	34.19	73.00	110.8

258#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.79	500.0	100
5.000	15.8	1000	100
10.00	25.2	2000	100
15.00	31.5		
20.00	37.0		
25.00	42.0		
50.00	60.6		
60.00	66.9		
63.00	68.9		
70.00	73.2		
75.00	76.2		
90.00	83.4		
125.0	93.0		
200.0	99.5		
250.0	100.0		
400.0	100		

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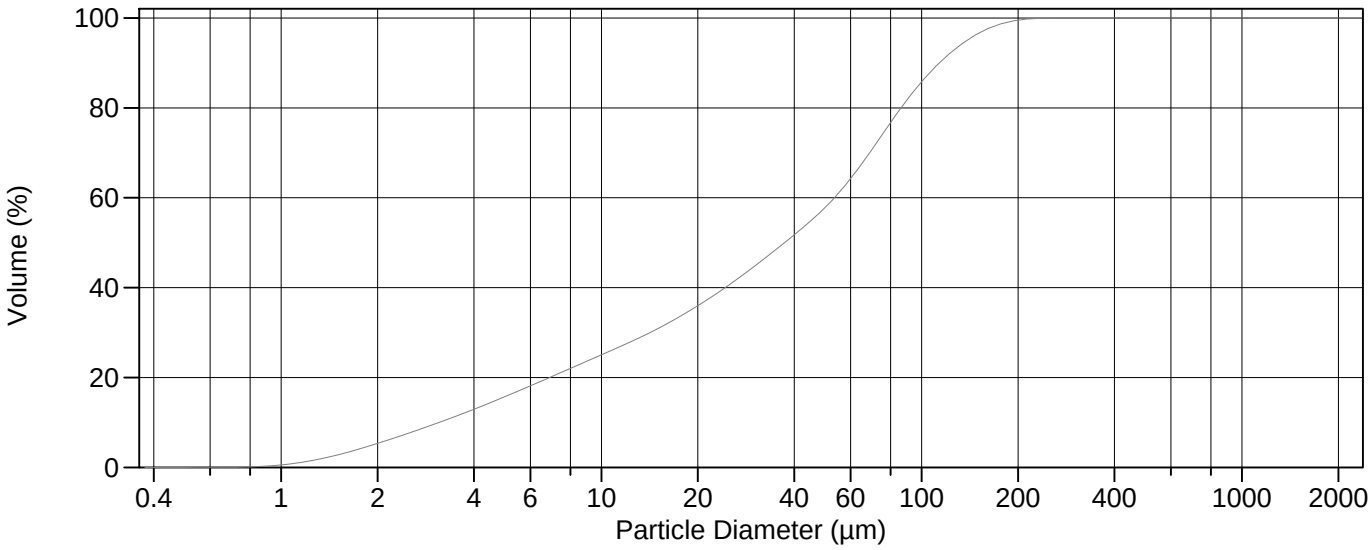

Volume Statistics (Arithmetic) 259.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	49.35 µm	95% Conf. Limits:	0-137.9 µm
Median:	37.30 µm	S.D.:	45.19 µm
D(3,2):	9.485 µm	Variance:	2042 μm^2
Mean/Median Ratio:	1.323	C.V.:	91.6%
Mode:	72.95 µm	Skewness:	1.052 Right skewed
d_{10}:	3.112 µm	Kurtosis:	0.717 Leptokurtic
d_{50}:	37.30 µm		
d_{90}:	113.6 µm		
Specific Surf. Area	6326 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.112	9.963	37.30	76.87	113.6

259.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.34	500.0	100
5.000	15.7	1000	100
10.00	25.0	2000	100
15.00	30.9		
20.00	36.0		
25.00	40.6		
50.00	57.9		
60.00	64.2		
63.00	66.2		
70.00	70.8		
75.00	73.9		
90.00	81.8		
125.0	92.6		
200.0	99.5		
250.0	100.0		
400.0	100		

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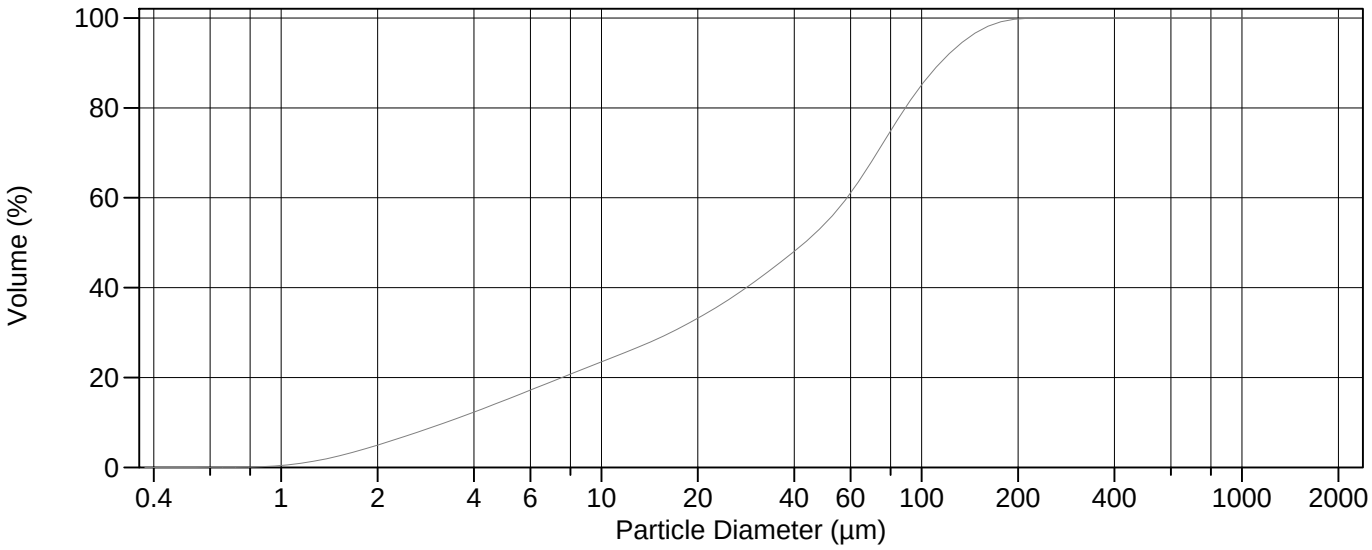

Volume Statistics (Arithmetic) 260.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	51.49 µm	95% Conf. Limits:	0-138.0 µm
Median:	43.11 µm	S.D.:	44.14 µm
D(3,2):	10.10 µm	Variance:	1948 μm^2
Mean/Median Ratio:	1.194	C.V.:	85.7%
Mode:	72.95 µm	Skewness:	0.833 Right skewed
d_{10}:	3.261 µm	Kurtosis:	0.090 Leptokurtic
d_{50}:	43.11 µm		
d_{90}:	114.3 µm		
Specific Surf. Area	5940 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.261	11.34	43.11	80.22	114.3

260.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	4.96	500.0	100
5.000	15.0	1000	100
10.00	23.5	2000	100
15.00	28.6		
20.00	33.2		
25.00	37.4		
50.00	54.3		
60.00	61.1		
63.00	63.2		
70.00	68.2		
75.00	71.7		
90.00	80.5		
125.0	92.7		
200.0	99.8		
250.0	100.0		
400.0	100		

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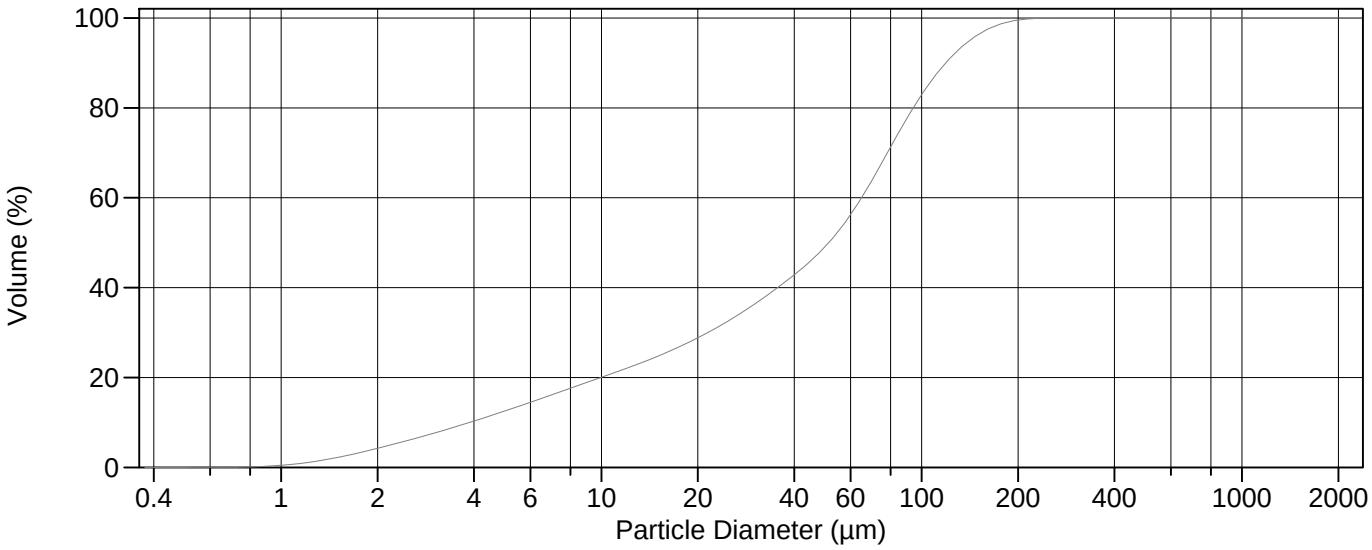

Volume Statistics (Arithmetic) 261.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	56.40 µm	95% Conf. Limits:	0-145.4 µm
Median:	51.28 µm	S.D.:	45.40 µm
D(3,2):	11.48 µm	Variance:	2061 μm^2
Mean/Median Ratio:	1.100	C.V.:	80.5%
Mode:	80.08 µm	Skewness:	0.769 Right skewed
d_{10}:	3.874 µm	Kurtosis:	0.158 Leptokurtic
d_{50}:	51.28 µm		
d_{90}:	119.0 µm		
Specific Surf. Area	5228 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.874	15.32	51.28	85.56	119.0

261.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	4.25	500.0	100
5.000	12.6	1000	100
10.00	20.0	2000	100
15.00	24.7		
20.00	28.8		
25.00	32.7		
50.00	49.2		
60.00	56.2		
63.00	58.5		
70.00	63.9		
75.00	67.7		
90.00	77.7		
125.0	91.6		
200.0	99.5		
250.0	100.0		
400.0	100		

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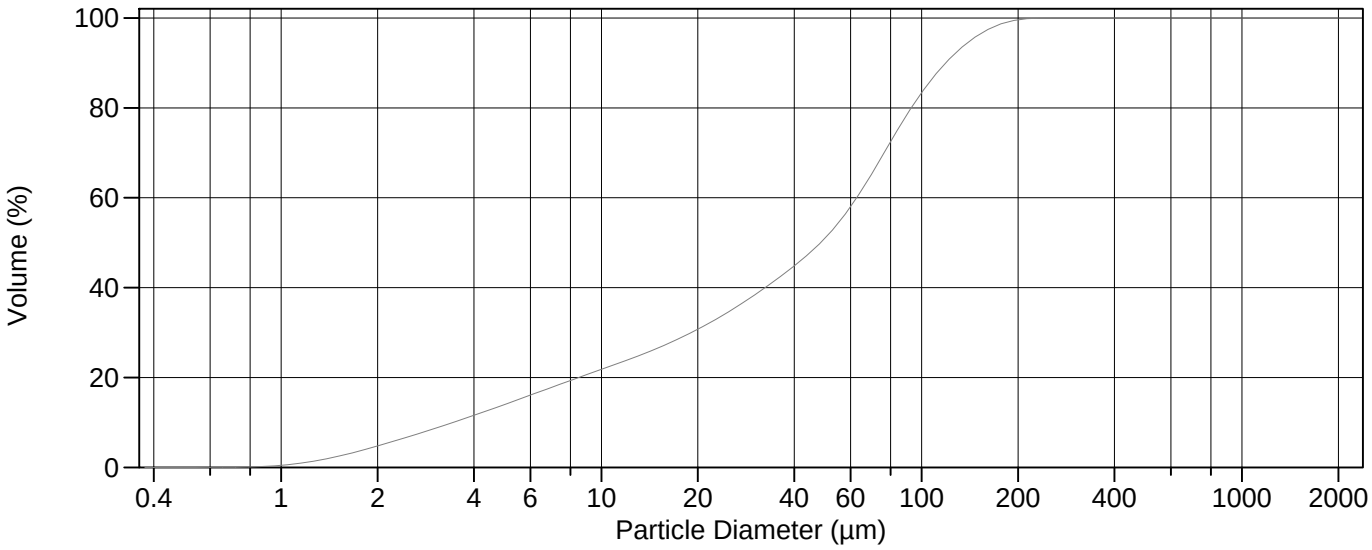

Volume Statistics (Arithmetic) 262.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	54.87 µm	95% Conf. Limits:	0-144.6 µm
Median:	48.37 µm	S.D.:	45.77 µm
D(3,2):	10.63 µm	Variance:	2095 μm^2
Mean/Median Ratio:	1.134	C.V.:	83.4%
Mode:	72.95 µm	Skewness:	0.812 Right skewed
d_{10}:	3.441 µm	Kurtosis:	0.148 Leptokurtic
d_{50}:	48.37 µm		
d_{90}:	119.0 µm		
Specific Surf. Area	5645 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.441	13.26	48.37	83.86	119.0

262.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	4.78	500.0	100
5.000	14.0	1000	100
10.00	21.8	2000	100
15.00	26.5		
20.00	30.8		
25.00	34.7		
50.00	51.1		
60.00	58.0		
63.00	60.2		
70.00	65.5		
75.00	69.1		
90.00	78.5		
125.0	91.6		
200.0	99.6		
250.0	100.0		
400.0	100		

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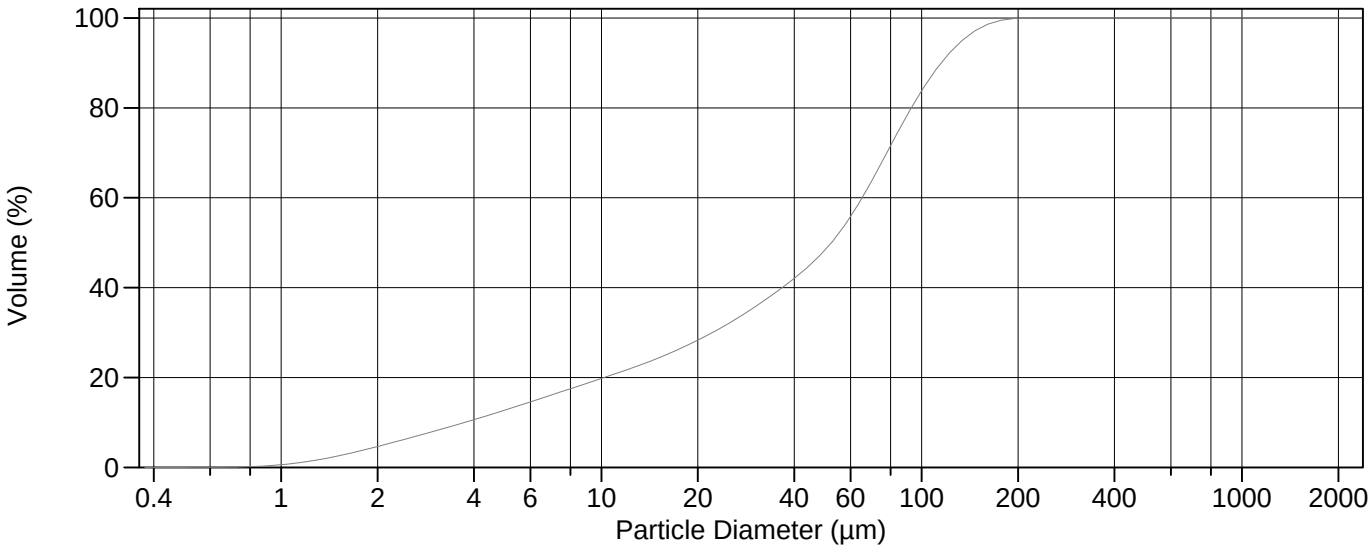

Volume Statistics (Arithmetic) 263#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	55.52 µm	95% Conf. Limits:	0-139.7 µm
Median:	52.28 µm	S.D.:	42.94 µm
D(3,2):	11.16 µm	Variance:	1844 μm^2
Mean/Median Ratio:	1.062	C.V.:	77.3%
Mode:	80.08 µm	Skewness:	0.590 Right skewed
d_{10}:	3.738 µm	Kurtosis:	-0.333 Platykurtic
d_{50}:	52.28 µm		
d_{90}:	115.3 µm		
Specific Surf. Area	5377 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.738	15.85	52.28	84.79	115.3

263#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	4.66	500.0	100
5.000	12.8	1000	100
10.00	19.8	2000	100
15.00	24.3		
20.00	28.3		
25.00	32.1		
50.00	48.4		
60.00	55.8		
63.00	58.2		
70.00	63.9		
75.00	67.9		
90.00	78.3		
125.0	92.9		
200.0	99.9		
250.0	100.0		
400.0	100		

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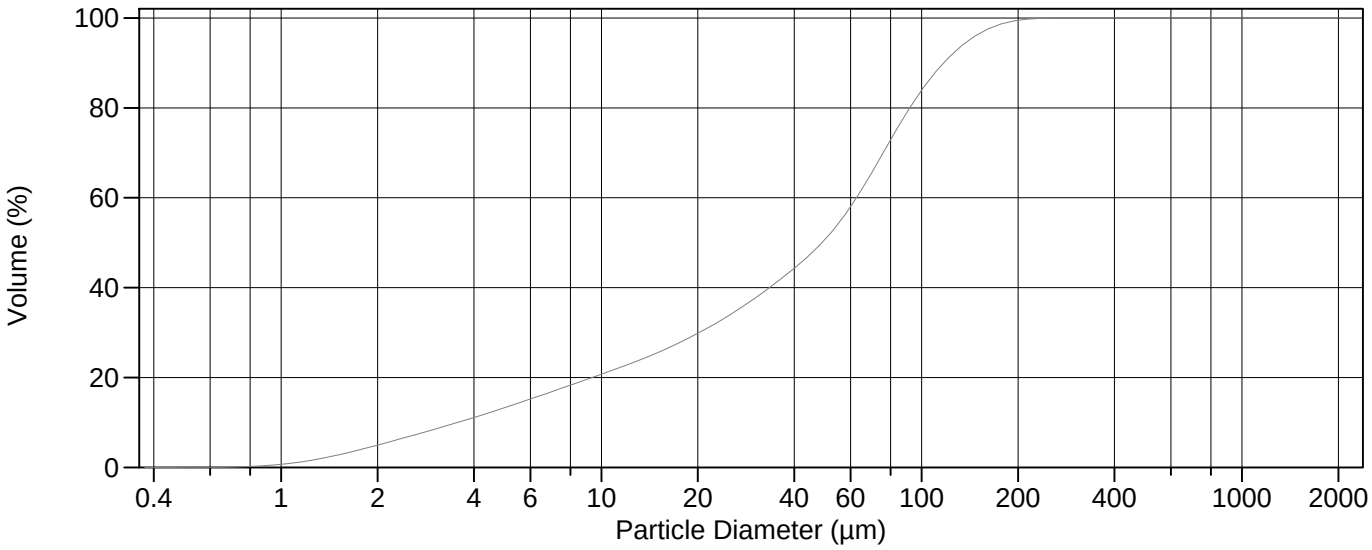

Volume Statistics (Arithmetic) 264#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	54.89 µm	95% Conf. Limits:	0-143.6 µm
Median:	48.84 µm	S.D.:	45.26 µm
D(3,2):	10.64 µm	Variance:	2049 µm^2
Mean/Median Ratio:	1.124	C.V.:	82.5%
Mode:	72.95 µm	Skewness:	0.853 Right skewed
d_{10}:	3.555 µm	Kurtosis:	0.414 Leptokurtic
d_{50}:	48.84 µm		
d_{90}:	117.3 µm		
Specific Surf. Area	5639 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.555	14.40	48.84	83.17	117.3

264#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	4.97	500.0	100
5.000	13.3	1000	100
10.00	20.7	2000	100
15.00	25.5		
20.00	29.8		
25.00	33.8		
50.00	50.8		
60.00	58.0		
63.00	60.3		
70.00	65.7		
75.00	69.4		
90.00	79.0		
125.0	92.0		
200.0	99.5		
250.0	100.0		
400.0	100		

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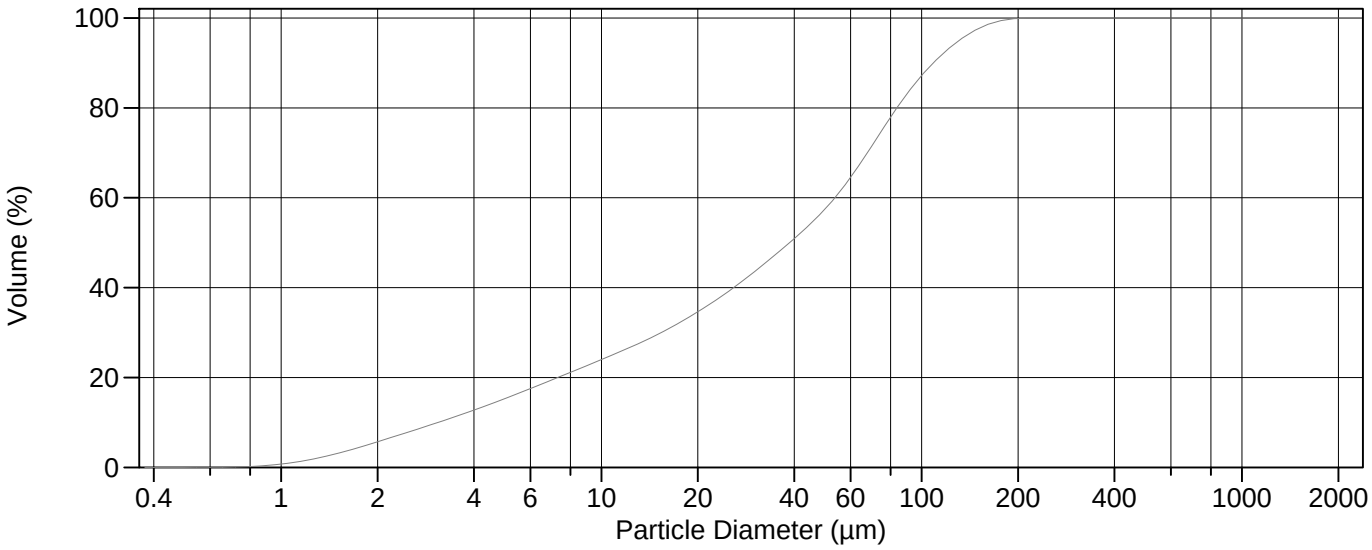

Volume Statistics (Arithmetic) 265.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	48.33 µm	95% Conf. Limits:	0-131.1 µm
Median:	38.68 µm	S.D.:	42.23 µm
D(3,2):	9.429 µm	Variance:	1783 μm^2
Mean/Median Ratio:	1.249	C.V.:	87.4%
Mode:	72.95 µm	Skewness:	0.906 Right skewed
d_{10}:	3.088 µm	Kurtosis:	0.242 Leptokurtic
d_{50}:	38.68 µm		
d_{90}:	108.8 µm		
Specific Surf. Area	6363 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.088	10.80	38.68	75.15	108.8

265.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.70	500.0	100
5.000	15.3	1000	100
10.00	24.0	2000	100
15.00	29.6		
20.00	34.6		
25.00	39.2		
50.00	57.5		
60.00	64.5		
63.00	66.7		
70.00	71.6		
75.00	74.9		
90.00	83.1		
125.0	93.9		
200.0	99.9		
250.0	100.0		
400.0	100		

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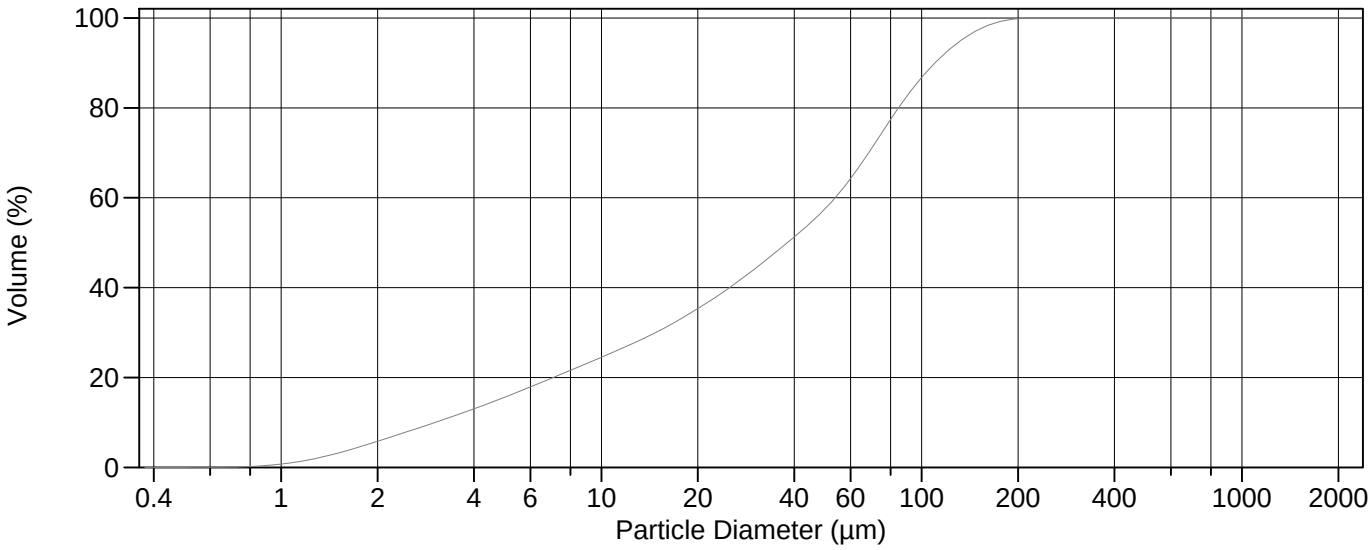

Volume Statistics (Arithmetic) 266.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	48.52 µm	95% Conf. Limits:	0-132.8 µm
Median:	38.06 µm	S.D.:	43.01 µm
D(3,2):	9.286 µm	Variance:	1850 μm^2
Mean/Median Ratio:	1.275	C.V.:	88.6%
Mode:	72.95 µm	Skewness:	0.929 Right skewed
d_{10}:	3.026 µm	Kurtosis:	0.301 Leptokurtic
d_{50}:	38.06 µm		
d_{90}:	110.0 µm		
Specific Surf. Area	6461 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.026	10.38	38.06	75.92	110.0

266.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.81	500.0	100
5.000	15.6	1000	100
10.00	24.5	2000	100
15.00	30.2		
20.00	35.3		
25.00	39.9		
50.00	57.6		
60.00	64.3		
63.00	66.3		
70.00	71.1		
75.00	74.4		
90.00	82.6		
125.0	93.6		
200.0	99.8		
250.0	100.0		
400.0	100		

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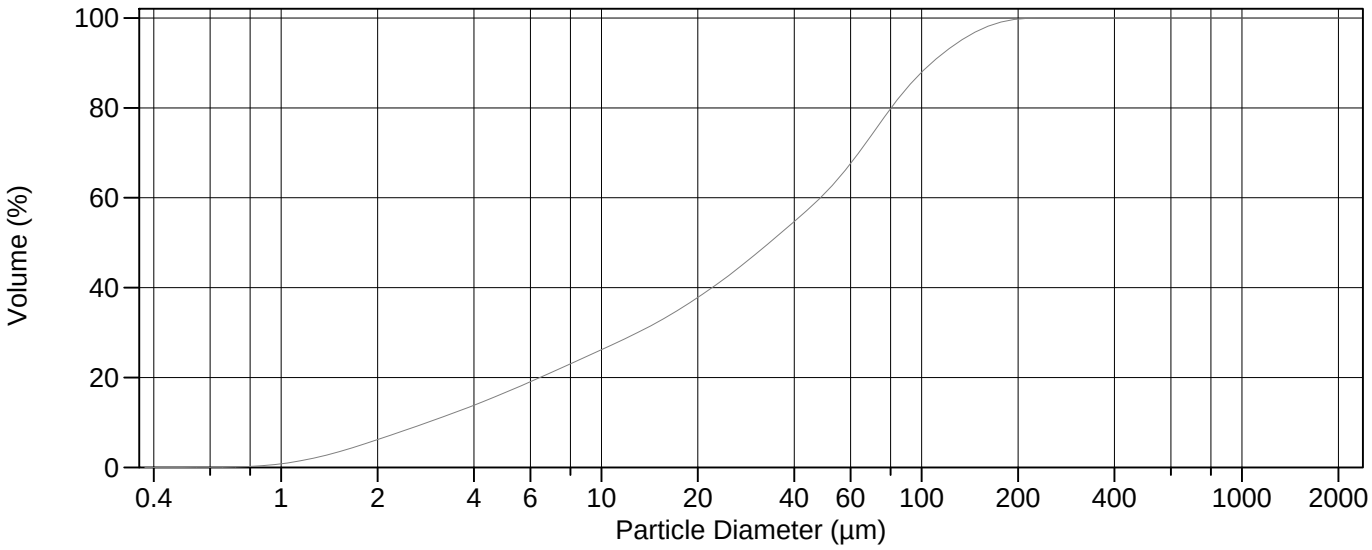


Volume Statistics (Arithmetic) 267.$02

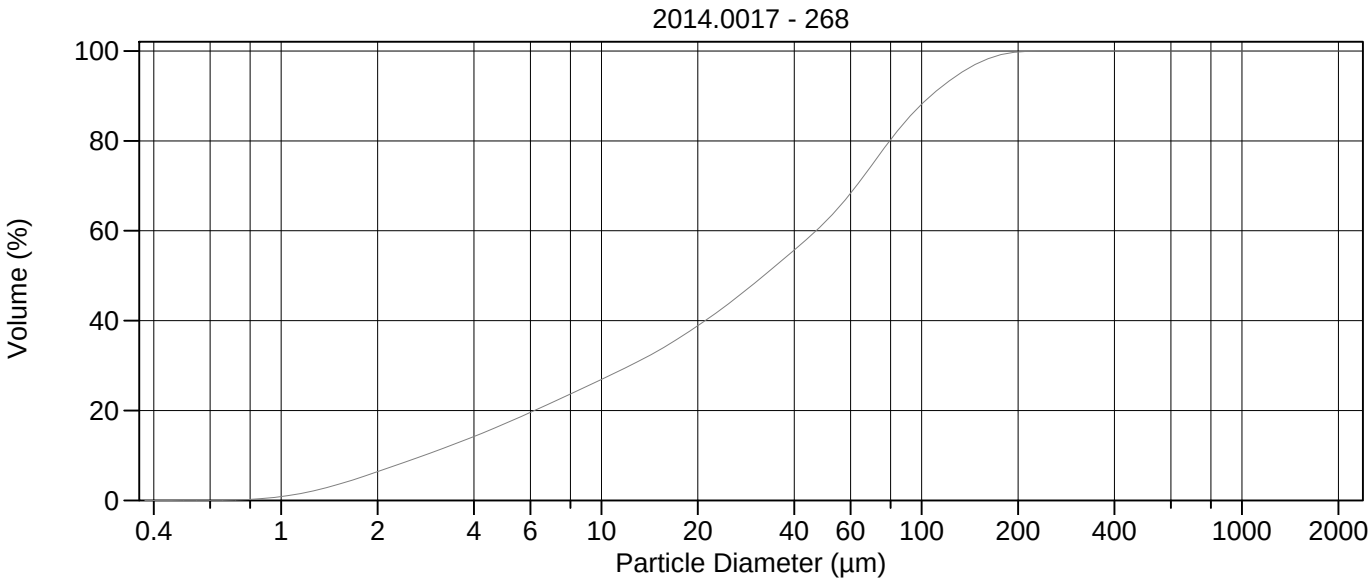
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	45.95 µm	95% Conf. Limits:	0-130.1 µm
Median:	33.44 µm	S.D.:	42.93 µm
D(3,2):	8.763 µm	Variance:	1843 μm^2
Mean/Median Ratio:	1.374	C.V.:	93.4%
Mode:	72.95 µm	Skewness:	1.106 Right skewed
d_{10}:	2.863 µm	Kurtosis:	0.791 Leptokurtic
d_{50}:	33.44 µm		
d_{90}:	107.5 µm		
Specific Surf. Area	6847 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.863	9.202	33.44	71.46	107.5

267.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.18	500.0	100
5.000	16.6	1000	100
10.00	26.2	2000	100
15.00	32.3		
20.00	37.8		
25.00	42.7		
50.00	61.1		
60.00	67.6		
63.00	69.6		
70.00	74.1		
75.00	77.1		
90.00	84.4		
125.0	93.7		
200.0	99.7		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 268.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	45.12 µm	95% Conf. Limits:	0-128.7 µm
Median:	32.10 µm	S.D.:	42.66 µm
D(3,2):	8.542 µm	Variance:	1820 μm^2
Mean/Median Ratio:	1.405	C.V.:	94.5%
Mode:	72.95 µm	Skewness:	1.115 Right skewed
d_{10}:	2.787 µm	Kurtosis:	0.768 Leptokurtic
d_{50}:	32.10 µm		
d_{90}:	106.7 µm		
Specific Surf. Area	7024 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.787	8.772	32.10	70.52	106.7

268.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.39	500.0	100
5.000	17.1	1000	100
10.00	26.9	2000	100
15.00	33.3		
20.00	38.9		
25.00	43.8		
50.00	62.0		
60.00	68.3		
63.00	70.3		
70.00	74.7		
75.00	77.6		
90.00	84.7		
125.0	93.9		
200.0	99.8		
250.0	100.0		
400.0	100		

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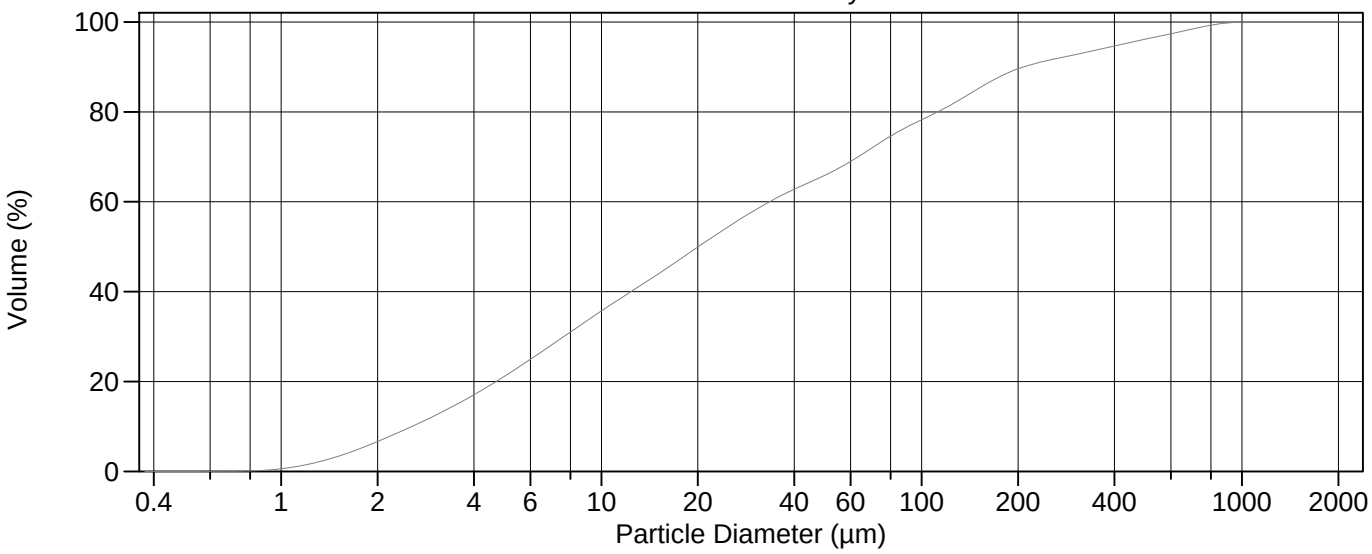

Volume Statistics (Arithmetic) 269.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	80.87 µm	95% Conf. Limits:	0-373.0 µm
Median:	20.08 µm	S.D.:	149.1 µm
D(3,2):	7.512 µm	Variance:	22219 μm^2
Mean/Median Ratio:	4.027	C.V.:	184%
Mode:	18.00 µm	Skewness:	3.129 Right skewed
d_{10}:	2.563 µm	Kurtosis:	10.50 Leptokurtic
d_{50}:	20.08 µm		
d_{90}:	208.3 µm		
Specific Surf. Area	7987 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.563	6.025	20.08	81.79	208.3

269.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.65	500.0	96.2
5.000	21.2	1000	100.0
10.00	35.7	2000	100
15.00	43.9		
20.00	49.9		
25.00	54.5		
50.00	65.9		
60.00	69.0		
63.00	69.9		
70.00	72.0		
75.00	73.4		
90.00	76.6		
125.0	81.8		
200.0	89.6		
250.0	91.5		
400.0	94.7		

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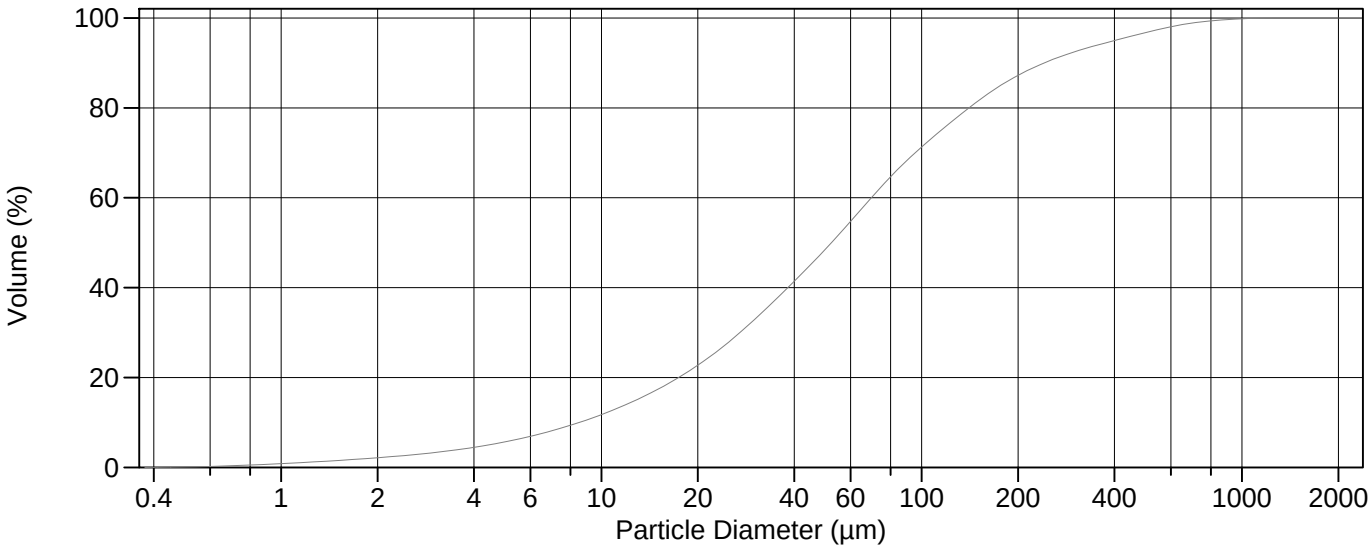

Volume Statistics (Arithmetic) 270.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	100.8 µm	95% Conf. Limits:	0-378.0 µm
Median:	52.30 µm	S.D.:	141.4 µm
D(3,2):	16.30 µm	Variance:	19999 μm^2
Mean/Median Ratio:	1.927	C.V.:	140%
Mode:	66.44 µm	Skewness:	3.102 Right skewed
d_{10}:	8.525 µm	Kurtosis:	11.92 Leptokurtic
d_{50}:	52.30 µm		
d_{90}:	241.7 µm		
Specific Surf. Area	3680 cm^2/ml		

% <	10	25	50	75	90
Size µm	8.525	22.17	52.30	115.1	241.7

270.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	2.15	500.0	96.8
5.000	5.68	1000	99.8
10.00	11.7	2000	100
15.00	17.4		
20.00	22.7		
25.00	27.9		
50.00	48.5		
60.00	54.7		
63.00	56.5		
70.00	60.2		
75.00	62.5		
90.00	68.3		
125.0	77.1		
200.0	87.2		
250.0	90.4		
400.0	95.0		

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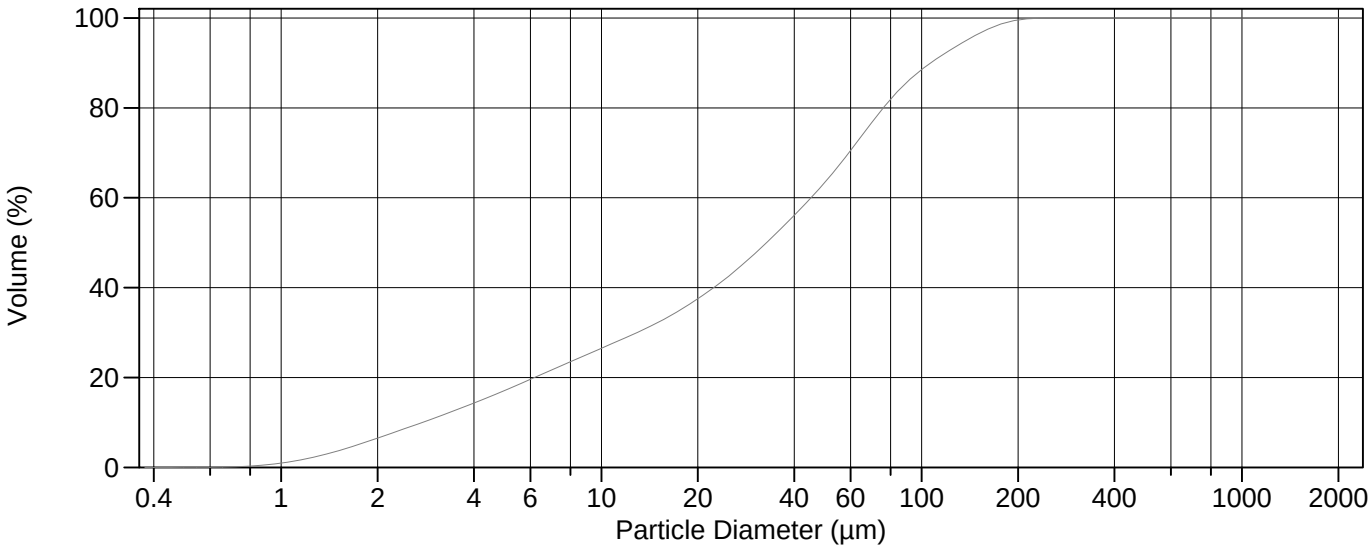

Volume Statistics (Arithmetic) 271.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	45.04 µm	95% Conf. Limits:	0-130.4 µm
Median:	32.77 µm	S.D.:	43.56 µm
D(3,2):	8.481 µm	Variance:	1898 μm^2
Mean/Median Ratio:	1.375	C.V.:	96.7%
Mode:	66.44 µm	Skewness:	1.309 Right skewed
d_{10}:	2.759 µm	Kurtosis:	1.481 Leptokurtic
d_{50}:	32.77 µm		
d_{90}:	106.8 µm		
Specific Surf. Area	7075 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.759	8.932	32.77	66.99	106.8

271.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.52	500.0	100
5.000	17.1	1000	100
10.00	26.5	2000	100
15.00	32.2		
20.00	37.5		
25.00	42.6		
50.00	63.5		
60.00	70.5		
63.00	72.5		
70.00	76.8		
75.00	79.5		
90.00	85.7		
125.0	93.2		
200.0	99.6		
250.0	100.0		
400.0	100		

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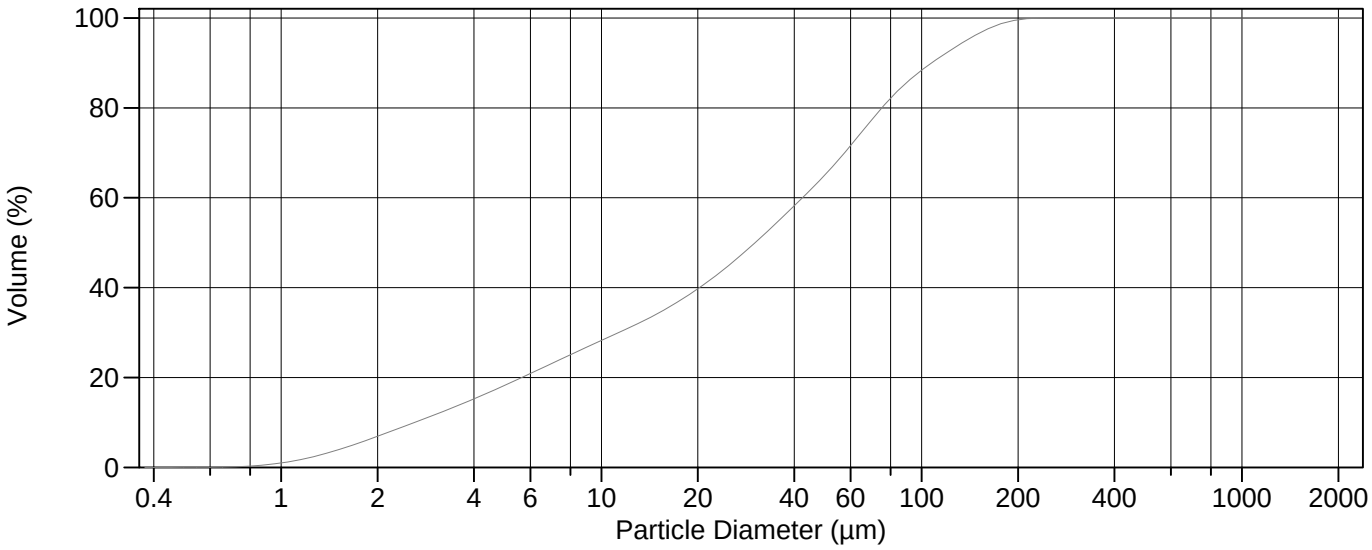

Volume Statistics (Arithmetic) 272.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	43.83 µm	95% Conf. Limits:	0-129.7 µm
Median:	30.20 µm	S.D.:	43.79 µm
D(3,2):	8.064 µm	Variance:	1917 μm^2
Mean/Median Ratio:	1.452	C.V.:	99.9%
Mode:	66.44 µm	Skewness:	1.338 Right skewed
d_{10}:	2.612 µm	Kurtosis:	1.476 Leptokurtic
d_{50}:	30.20 µm		
d_{90}:	107.5 µm		
Specific Surf. Area	7440 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.612	7.964	30.20	65.67	107.5

272.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.93	500.0	100
5.000	18.3	1000	100
10.00	28.3	2000	100
15.00	34.2		
20.00	39.8		
25.00	45.0		
50.00	65.1		
60.00	71.6		
63.00	73.5		
70.00	77.4		
75.00	79.9		
90.00	85.7		
125.0	93.1		
200.0	99.6		
250.0	100.0		
400.0	100		

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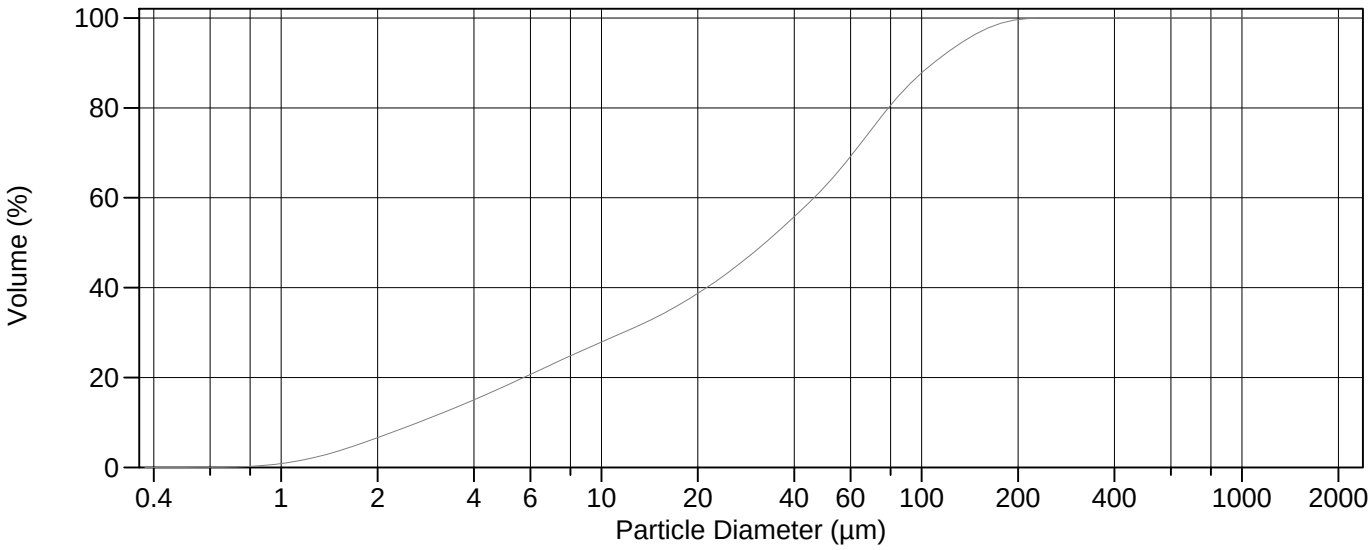

Volume Statistics (Arithmetic) 273.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	45.35 µm	95% Conf. Limits:	0-131.4 µm
Median:	32.46 µm	S.D.:	43.88 µm
D(3,2):	8.312 µm	Variance:	1926 μm^2
Mean/Median Ratio:	1.397	C.V.:	96.8%
Mode:	66.44 µm	Skewness:	1.206 Right skewed
d_{10}:	2.676 µm	Kurtosis:	1.071 Leptokurtic
d_{50}:	32.46 µm		
d_{90}:	108.9 µm		
Specific Surf. Area	7218 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.676	8.108	32.46	69.33	108.9

273.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.61	500.0	100
5.000	18.1	1000	100
10.00	27.9	2000	100
15.00	33.6		
20.00	38.7		
25.00	43.5		
50.00	62.6		
60.00	69.2		
63.00	71.1		
70.00	75.4		
75.00	78.1		
90.00	84.7		
125.0	93.2		
200.0	99.6		
250.0	100.0		
400.0	100		

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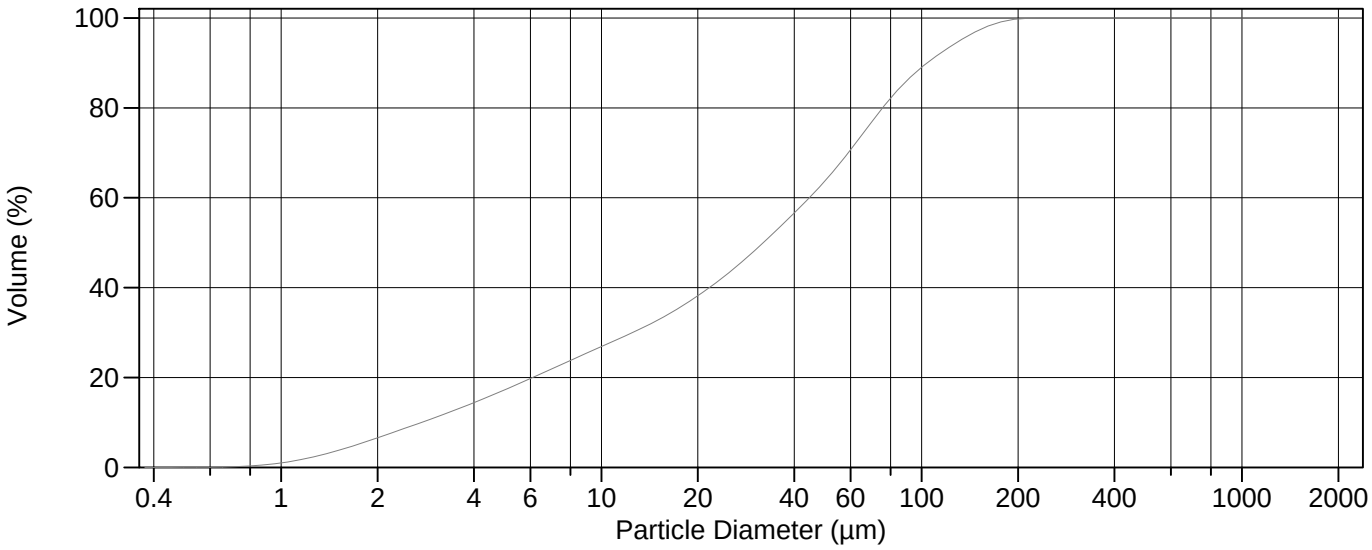

Volume Statistics (Arithmetic) 274.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	44.03 µm	95% Conf. Limits:	0-126.3 µm
Median:	32.03 µm	S.D.:	41.99 µm
D(3,2):	8.381 µm	Variance:	1763 μm^2
Mean/Median Ratio:	1.375	C.V.:	95.4%
Mode:	66.44 µm	Skewness:	1.223 Right skewed
d_{10}:	2.741 µm	Kurtosis:	1.164 Leptokurtic
d_{50}:	32.03 µm		
d_{90}:	104.1 µm		
Specific Surf. Area	7159 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.741	8.729	32.03	66.74	104.1

274.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.59	500.0	100
5.000	17.3	1000	100
10.00	26.9	2000	100
15.00	32.8		
20.00	38.2		
25.00	43.3		
50.00	63.8		
60.00	70.7		
63.00	72.7		
70.00	77.0		
75.00	79.7		
90.00	86.1		
125.0	94.0		
200.0	99.8		
250.0	100.0		
400.0	100		

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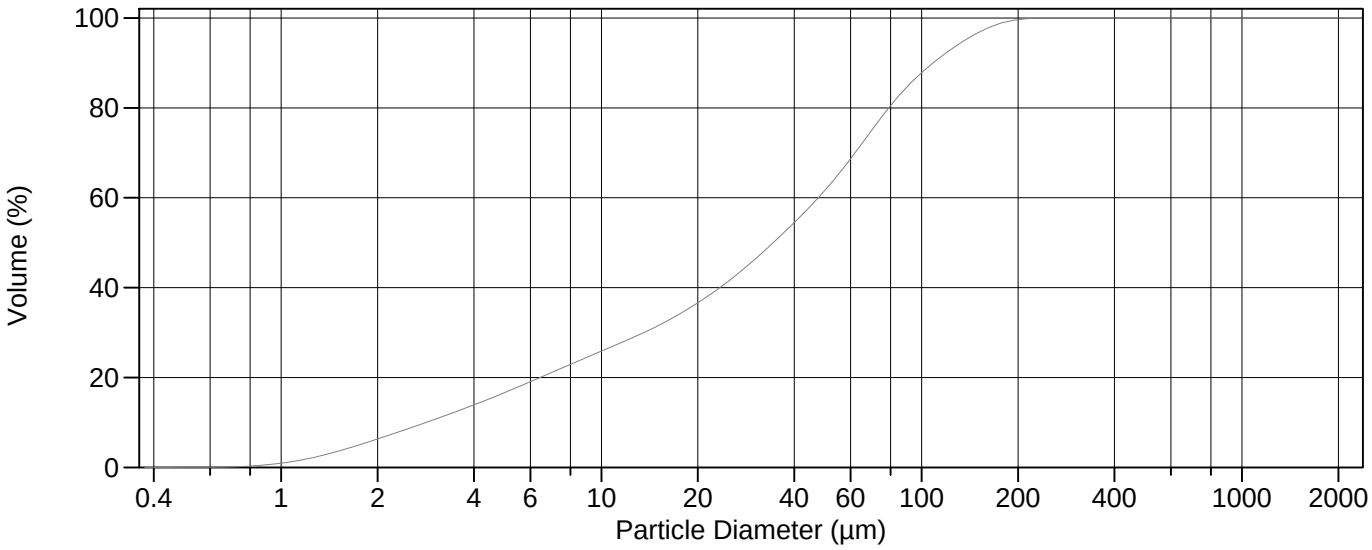

Volume Statistics (Arithmetic) 275.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	46.21 µm	95% Conf. Limits:	0-131.4 µm
Median:	34.41 µm	S.D.:	43.44 µm
D(3,2):	8.691 µm	Variance:	1887 μm^2
Mean/Median Ratio:	1.343	C.V.:	94.0%
Mode:	66.44 µm	Skewness:	1.188 Right skewed
d_{10}:	2.835 µm	Kurtosis:	1.082 Leptokurtic
d_{50}:	34.41 µm		
d_{90}:	108.6 µm		
Specific Surf. Area	6904 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.835	9.369	34.41	69.73	108.6

275.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.33	500.0	100
5.000	16.7	1000	100
10.00	25.9	2000	100
15.00	31.5		
20.00	36.6		
25.00	41.5		
50.00	61.7		
60.00	68.7		
63.00	70.7		
70.00	75.2		
75.00	78.0		
90.00	84.7		
125.0	93.3		
200.0	99.6		
250.0	100.0		
400.0	100		

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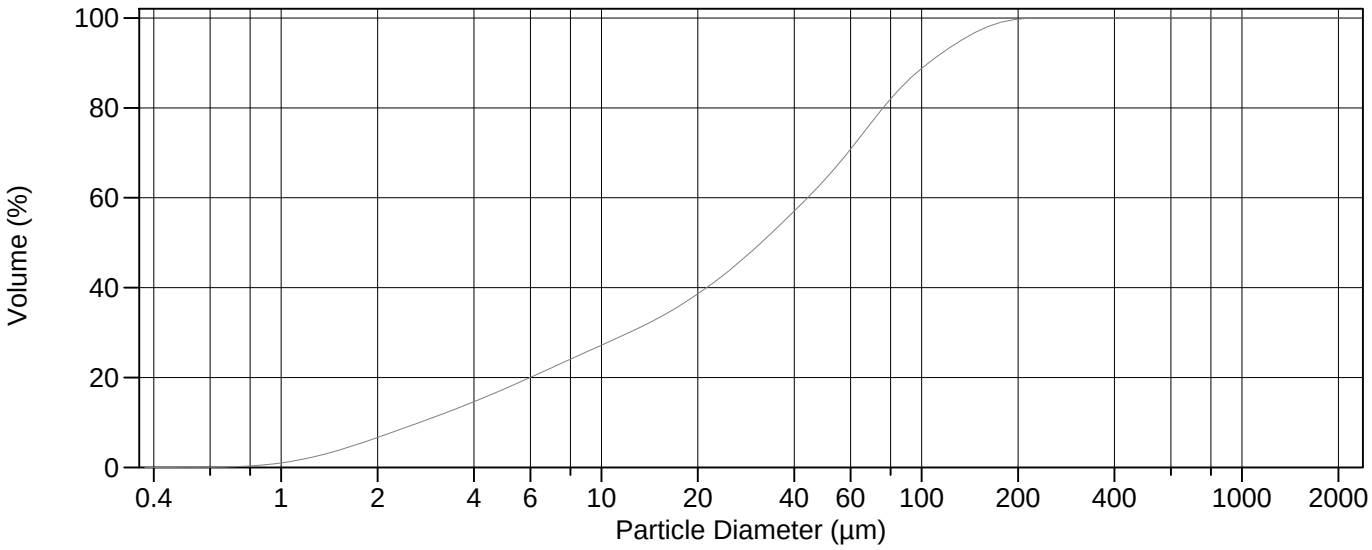

Volume Statistics (Arithmetic) 276.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	44.00 µm	95% Conf. Limits:	0-127.1 µm
Median:	31.53 µm	S.D.:	42.40 µm
D(3,2):	8.306 µm	Variance:	1798 μm^2
Mean/Median Ratio:	1.395	C.V.:	96.4%
Mode:	66.44 µm	Skewness:	1.244 Right skewed
d_{10}:	2.706 µm	Kurtosis:	1.220 Leptokurtic
d_{50}:	31.53 µm		
d_{90}:	105.1 µm		
Specific Surf. Area	7224 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.706	8.553	31.53	66.72	105.1

276.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.67	500.0	100
5.000	17.5	1000	100
10.00	27.2	2000	100
15.00	33.2		
20.00	38.6		
25.00	43.8		
50.00	64.1		
60.00	70.8		
63.00	72.7		
70.00	76.9		
75.00	79.6		
90.00	85.9		
125.0	93.8		
200.0	99.7		
250.0	100.0		
400.0	100		

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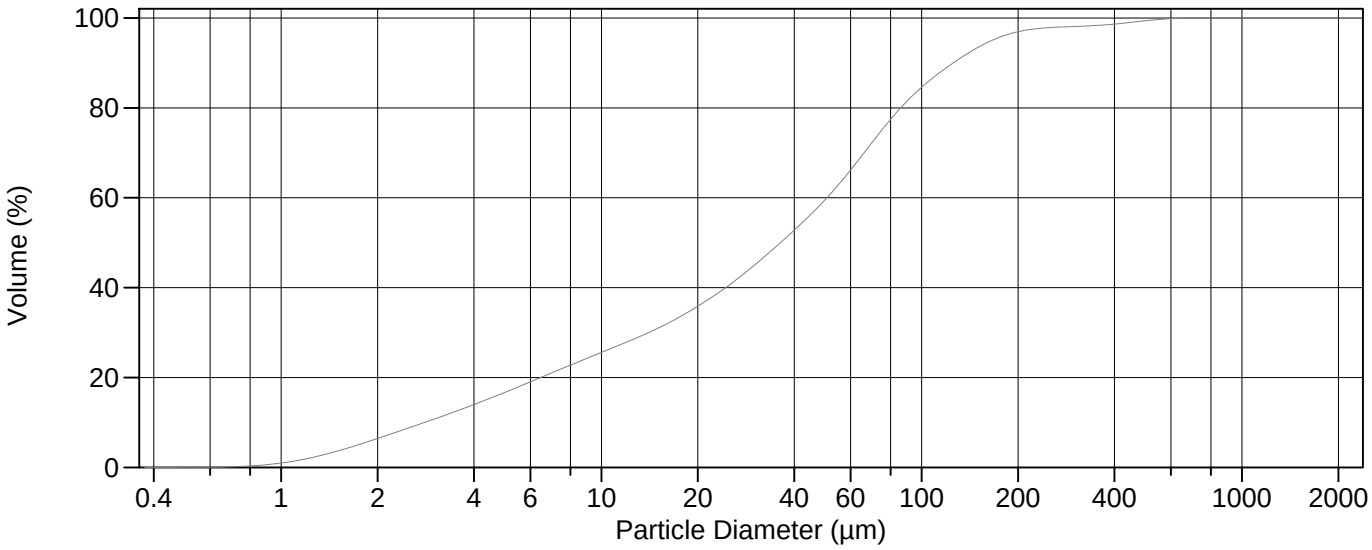

Volume Statistics (Arithmetic) 277#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	56.50 µm	95% Conf. Limits:	0-202.4 µm
Median:	36.22 µm	S.D.:	74.46 µm
D(3,2):	8.729 µm	Variance:	5544 µm^2
Mean/Median Ratio:	1.560	C.V.:	132%
Mode:	66.44 µm	Skewness:	3.698 Right skewed
d_{10}:	2.806 µm	Kurtosis:	19.22 Leptokurtic
d_{50}:	36.22 µm		
d_{90}:	125.5 µm		
Specific Surf. Area	6874 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.806	9.538	36.22	74.98	125.5

277#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.43	500.0	99.4
5.000	16.7	1000	100
10.00	25.6	2000	100
15.00	30.9		
20.00	35.9		
25.00	40.5		
50.00	59.6		
60.00	66.1		
63.00	68.1		
70.00	72.3		
75.00	75.0		
90.00	81.5		
125.0	89.9		
200.0	96.9		
250.0	97.9		
400.0	98.7		

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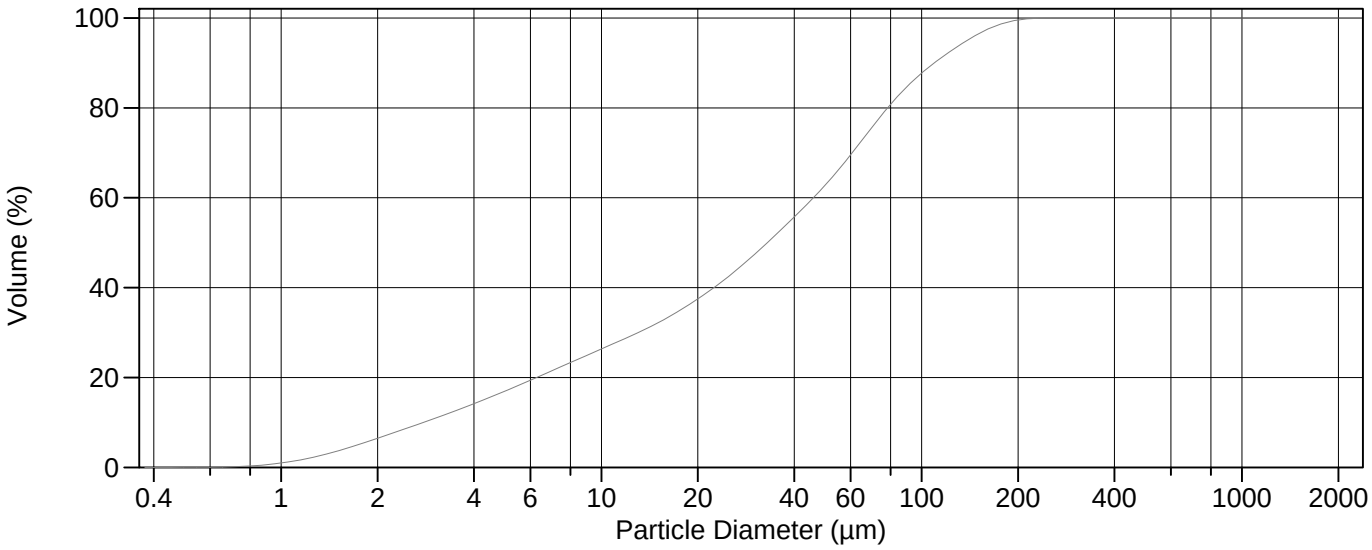

Volume Statistics (Arithmetic) 278.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	45.81 µm	95% Conf. Limits:	0-132.3 µm
Median:	32.94 µm	S.D.:	44.15 µm
D(3,2):	8.529 µm	Variance:	1949 μm^2
Mean/Median Ratio:	1.391	C.V.:	96.4%
Mode:	66.44 µm	Skewness:	1.262 Right skewed
d_{10}:	2.783 µm	Kurtosis:	1.295 Leptokurtic
d_{50}:	32.94 µm		
d_{90}:	109.6 µm		
Specific Surf. Area	7035 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.783	9.050	32.94	68.78	109.6

278.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.47	500.0	100
5.000	17.0	1000	100
10.00	26.4	2000	100
15.00	32.2		
20.00	37.5		
25.00	42.6		
50.00	62.8		
60.00	69.5		
63.00	71.5		
70.00	75.7		
75.00	78.4		
90.00	84.7		
125.0	92.9		
200.0	99.5		
250.0	100.0		
400.0	100		

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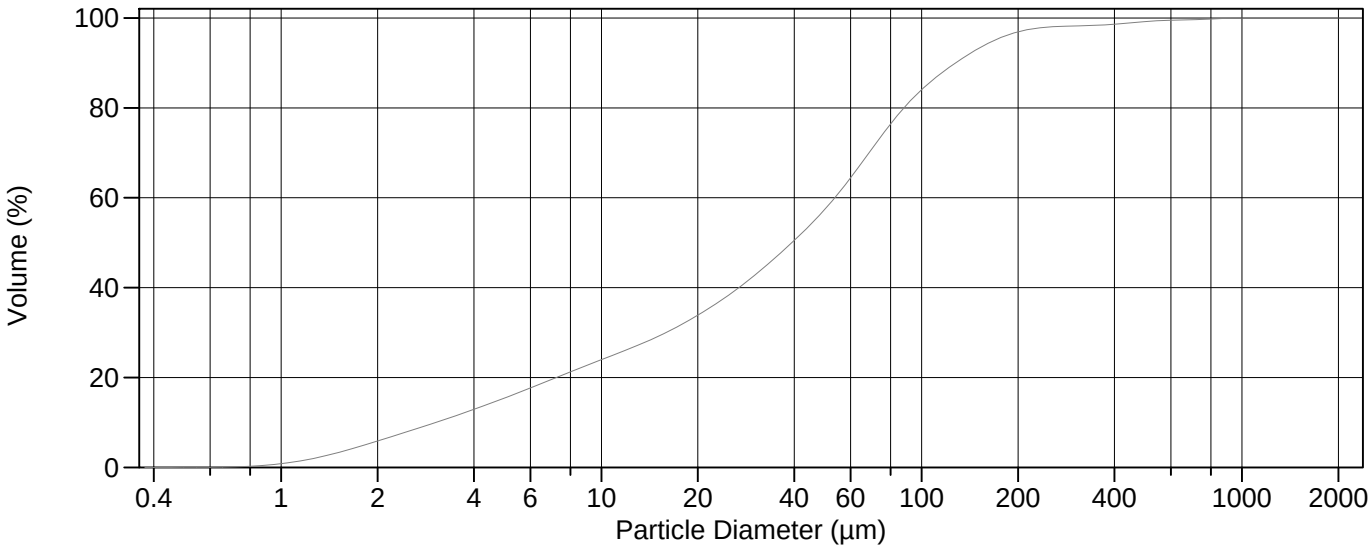

Volume Statistics (Arithmetic) 279.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	59.44 µm	95% Conf. Limits:	0-223.5 µm
Median:	39.31 µm	S.D.:	83.70 µm
D(3,2):	9.354 µm	Variance:	7005 μm^2
Mean/Median Ratio:	1.512	C.V.:	141%
Mode:	66.44 µm	Skewness:	4.962 Right skewed
d_{10}:	3.039 µm	Kurtosis:	36.16 Leptokurtic
d_{50}:	39.31 µm		
d_{90}:	127.7 µm		
Specific Surf. Area	6415 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.039	10.89	39.31	77.12	127.7

279.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.87	500.0	99.2
5.000	15.5	1000	100.0
10.00	24.0	2000	100
15.00	29.1		
20.00	33.9		
25.00	38.4		
50.00	57.5		
60.00	64.4		
63.00	66.4		
70.00	70.9		
75.00	73.8		
90.00	80.8		
125.0	89.5		
200.0	96.9		
250.0	98.0		
400.0	98.6		

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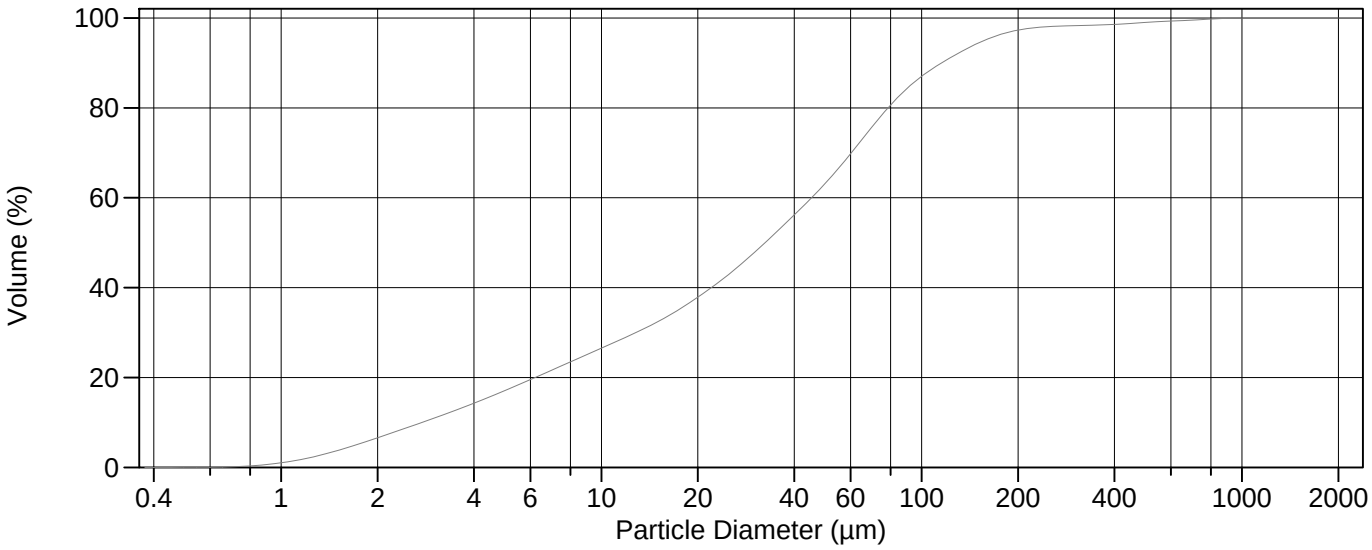

Volume Statistics (Arithmetic) 280.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	54.12 µm	95% Conf. Limits:	0-221.5 µm
Median:	32.44 µm	S.D.:	85.41 µm
D(3,2):	8.442 µm	Variance:	7294 μm^2
Mean/Median Ratio:	1.668	C.V.:	158%
Mode:	66.44 µm	Skewness:	5.448 Right skewed
d_{10}:	2.751 µm	Kurtosis:	40.13 Leptokurtic
d_{50}:	32.44 µm		
d_{90}:	115.5 µm		
Specific Surf. Area	7108 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.751	8.931	32.44	68.61	115.5

280.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.60	500.0	99.0
5.000	17.1	1000	100.0
10.00	26.5	2000	100
15.00	32.4		
20.00	37.9		
25.00	43.0		
50.00	63.2		
60.00	69.8		
63.00	71.7		
70.00	75.8		
75.00	78.4		
90.00	84.3		
125.0	91.5		
200.0	97.3		
250.0	98.1		
400.0	98.6		

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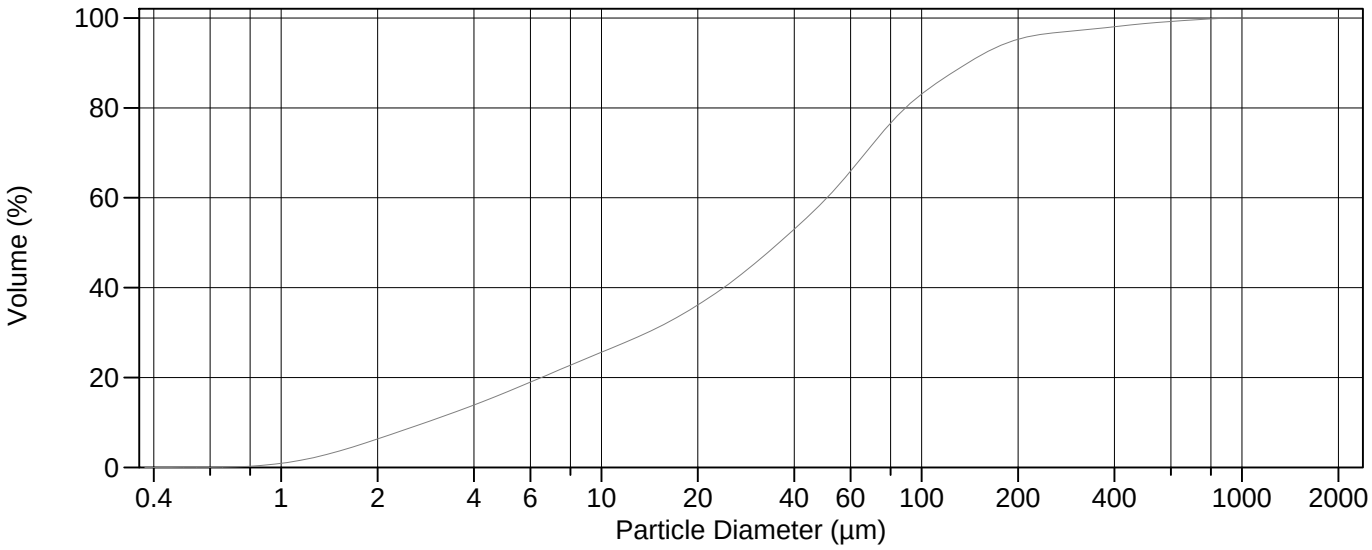

Volume Statistics (Arithmetic) 281.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	62.95 µm	95% Conf. Limits:	0-250.9 µm
Median:	35.87 µm	S.D.:	95.89 µm
D(3,2):	8.815 µm	Variance:	9195 μm^2
Mean/Median Ratio:	1.755	C.V.:	152%
Mode:	66.44 µm	Skewness:	4.280 Right skewed
d_{10}:	2.833 µm	Kurtosis:	24.53 Leptokurtic
d_{50}:	35.87 µm		
d_{90}:	139.5 µm		
Specific Surf. Area	6807 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.833	9.537	35.87	76.30	139.5

281.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.32	500.0	98.8
5.000	16.6	1000	100.0
10.00	25.6	2000	100
15.00	31.1		
20.00	36.1		
25.00	40.8		
50.00	59.6		
60.00	65.9		
63.00	67.8		
70.00	71.8		
75.00	74.3		
90.00	80.3		
125.0	87.9		
200.0	95.3		
250.0	96.6		
400.0	98.1		

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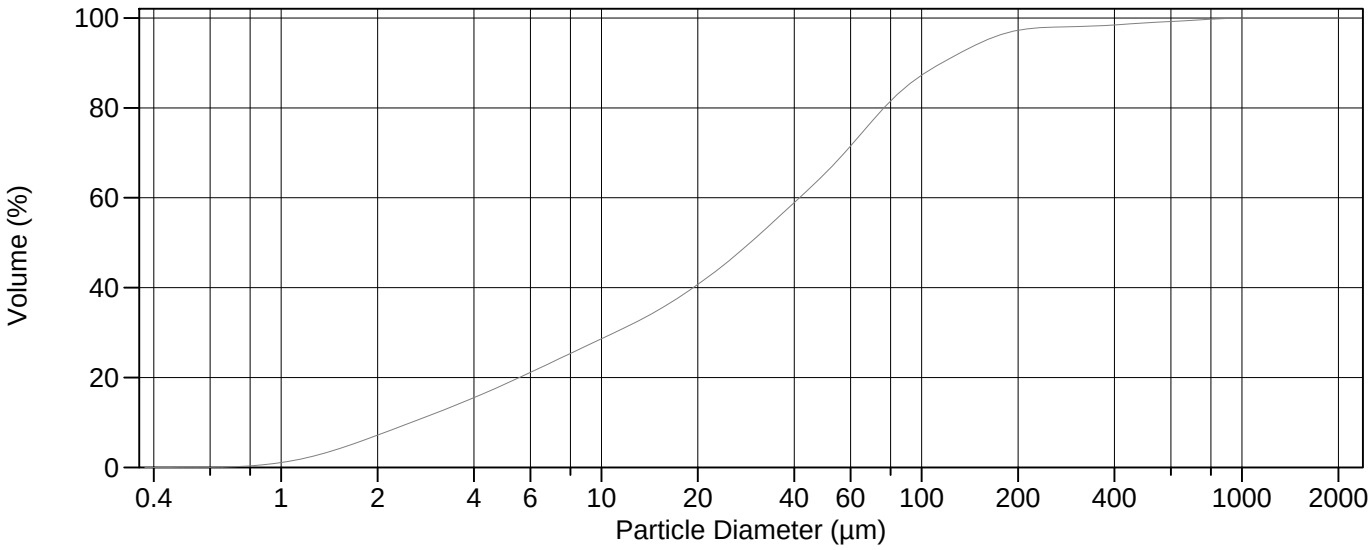

Volume Statistics (Arithmetic) 282.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	53.11 µm	95% Conf. Limits:	0-227.3 µm
Median:	29.16 µm	S.D.:	88.86 µm
D(3,2):	7.908 µm	Variance:	7896 μm^2
Mean/Median Ratio:	1.822	C.V.:	167%
Mode:	66.44 µm	Skewness:	5.395 Right skewed
d_{10}:	2.549 µm	Kurtosis:	38.14 Leptokurtic
d_{50}:	29.16 µm		
d_{90}:	115.6 µm		
Specific Surf. Area	7587 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.549	7.817	29.16	66.14	115.6

282.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.19	500.0	98.9
5.000	18.5	1000	100.0
10.00	28.6	2000	100
15.00	34.9		
20.00	40.7		
25.00	46.0		
50.00	65.4		
60.00	71.5		
63.00	73.3		
70.00	77.1		
75.00	79.4		
90.00	84.8		
125.0	91.3		
200.0	97.3		
250.0	97.9		
400.0	98.5		

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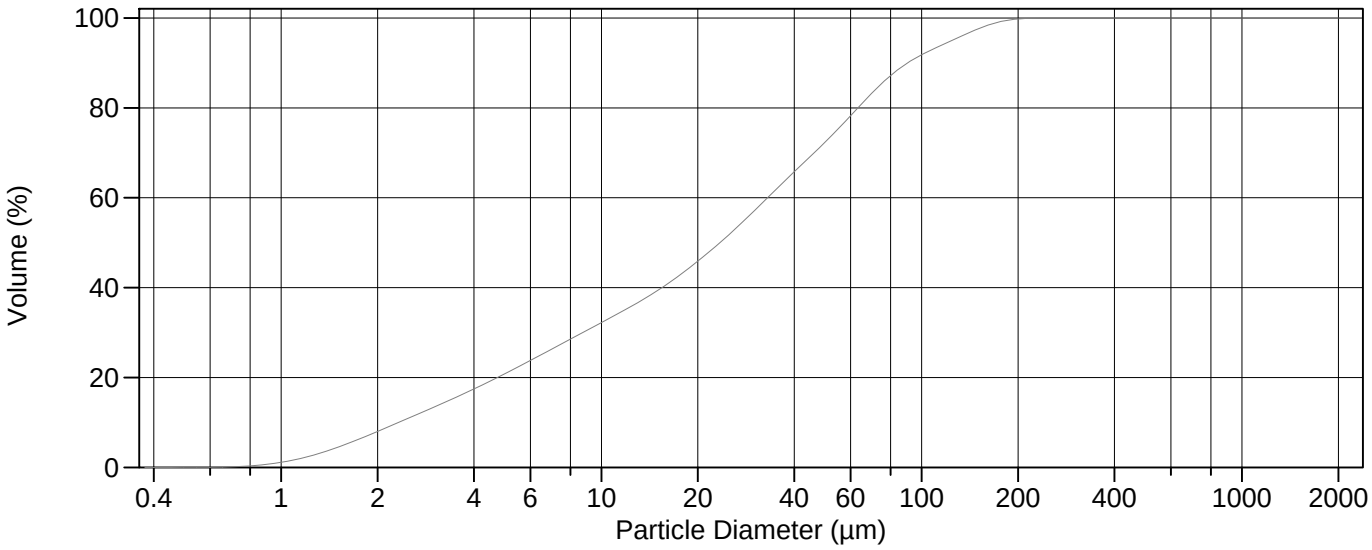

Volume Statistics (Arithmetic) 283.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	36.86 µm	95% Conf. Limits:	0-114.3 µm
Median:	23.44 µm	S.D.:	39.50 µm
D(3,2):	7.131 µm	Variance:	1560 µm^2
Mean/Median Ratio:	1.573	C.V.:	107%
Mode:	60.52 µm	Skewness:	1.609 Right skewed
d_{10}:	2.328 µm	Kurtosis:	2.534 Leptokurtic
d_{50}:	23.44 µm		
d_{90}:	90.38 µm		
Specific Surf. Area	8414 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.328	6.460	23.44	54.35	90.38

283.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.01	500.0	100
5.000	20.9	1000	100
10.00	32.2	2000	100
15.00	39.4		
20.00	45.9		
25.00	51.8		
50.00	72.4		
60.00	78.2		
63.00	79.9		
70.00	83.3		
75.00	85.4		
90.00	89.9		
125.0	95.1		
200.0	99.8		
250.0	100.0		
400.0	100		

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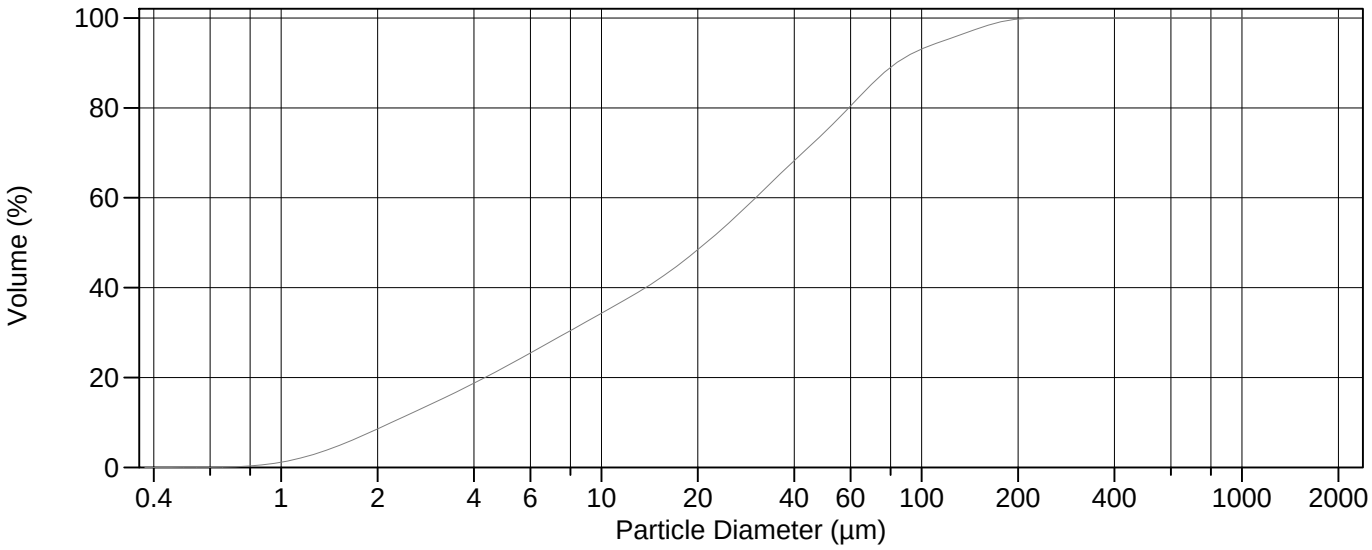

Volume Statistics (Arithmetic) 284.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	34.53 µm	95% Conf. Limits:	0-109.7 µm
Median:	21.24 µm	S.D.:	38.33 µm
D(3,2):	6.753 µm	Variance:	1469 μm^2
Mean/Median Ratio:	1.626	C.V.:	111%
Mode:	60.52 µm	Skewness:	1.788 Right skewed
d_{10}:	2.211 µm	Kurtosis:	3.467 Leptokurtic
d_{50}:	21.24 µm		
d_{90}:	83.33 µm		
Specific Surf. Area	8885 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.211	5.849	21.24	50.48	83.33

284.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.57	500.0	100
5.000	22.3	1000	100
10.00	34.3	2000	100
15.00	41.8		
20.00	48.5		
25.00	54.4		
50.00	74.7		
60.00	80.4		
63.00	82.0		
70.00	85.4		
75.00	87.3		
90.00	91.5		
125.0	95.7		
200.0	99.7		
250.0	100.0		
400.0	100		

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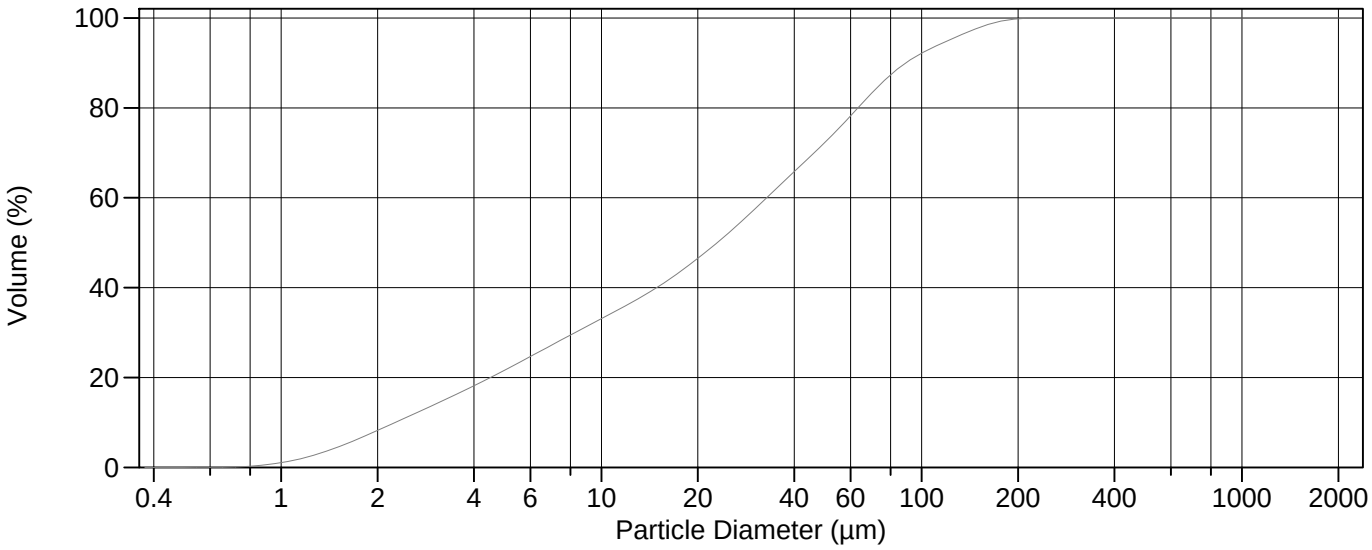

Volume Statistics (Arithmetic) 285.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	36.40 µm	95% Conf. Limits:	0-112.9 µm
Median:	22.98 µm	S.D.:	39.01 µm
D(3,2):	7.000 µm	Variance:	1522 μm^2
Mean/Median Ratio:	1.584	C.V.:	107%
Mode:	60.52 µm	Skewness:	1.588 Right skewed
d_{10}:	2.271 µm	Kurtosis:	2.493 Leptokurtic
d_{50}:	22.98 µm		
d_{90}:	89.34 µm		
Specific Surf. Area	8571 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.271	6.121	22.98	54.41	89.34

285.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.24	500.0	100
5.000	21.7	1000	100
10.00	33.1	2000	100
15.00	40.1		
20.00	46.5		
25.00	52.2		
50.00	72.4		
60.00	78.2		
63.00	79.9		
70.00	83.4		
75.00	85.5		
90.00	90.2		
125.0	95.4		
200.0	99.8		
250.0	100.0		
400.0	100		

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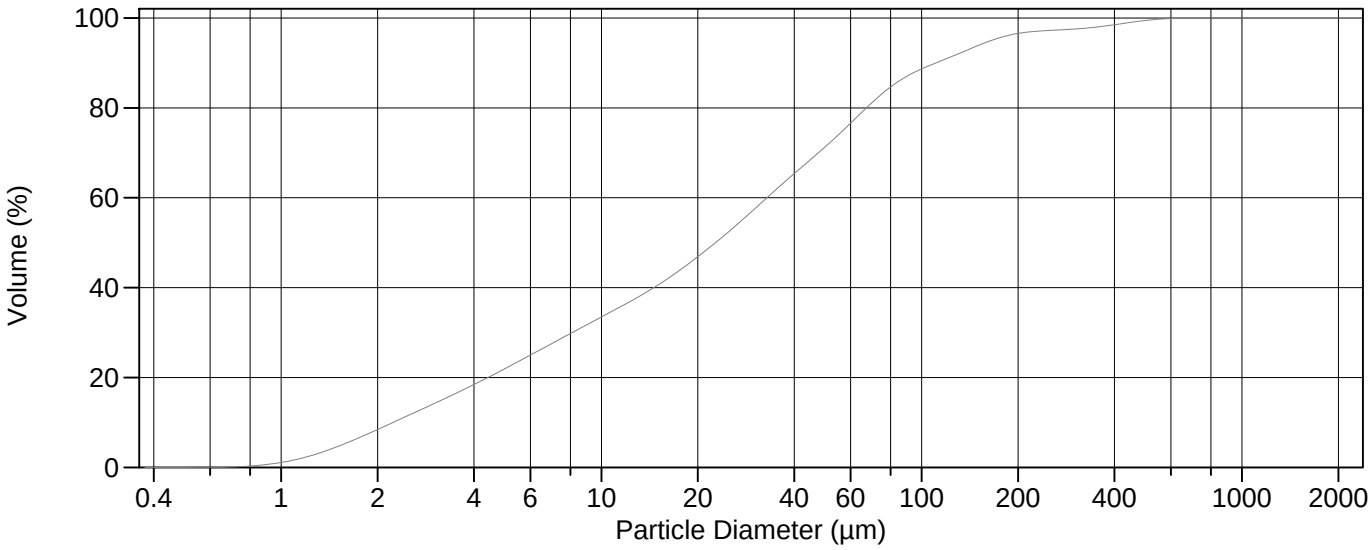

Volume Statistics (Arithmetic) 286#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	47.39 µm	95% Conf. Limits:	0-197.6 µm
Median:	22.70 µm	S.D.:	76.61 µm
D(3,2):	6.933 µm	Variance:	5870 µm^2
Mean/Median Ratio:	2.088	C.V.:	162%
Mode:	60.52 µm	Skewness:	3.871 Right skewed
d_{10}:	2.236 µm	Kurtosis:	18.49 Leptokurtic
d_{50}:	22.70 µm		
d_{90}:	110.7 µm		
Specific Surf. Area	8654 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.236	6.010	22.70	56.86	110.7

286#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.43	500.0	99.5
5.000	22.0	1000	100
10.00	33.5	2000	100
15.00	40.5		
20.00	46.9		
25.00	52.5		
50.00	71.3		
60.00	76.6		
63.00	78.1		
70.00	81.2		
75.00	83.1		
90.00	87.0		
125.0	91.5		
200.0	96.6		
250.0	97.2		
400.0	98.5		

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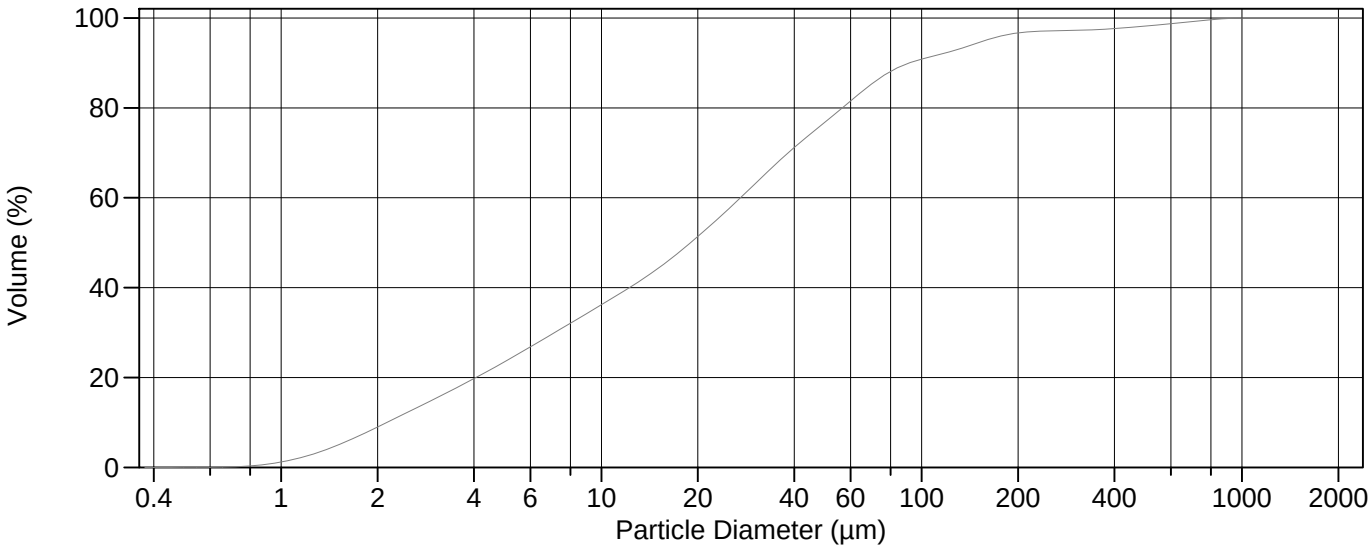

Volume Statistics (Arithmetic) 287.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	47.37 µm	95% Conf. Limits:	0-250.0 µm
Median:	18.99 µm	S.D.:	103.4 µm
D(3,2):	6.471 µm	Variance:	10688 µm^2
Mean/Median Ratio:	2.494	C.V.:	218%
Mode:	28.69 µm	Skewness:	5.282 Right skewed
d_{10}:	2.140 µm	Kurtosis:	31.85 Leptokurtic
d_{50}:	18.99 µm		
d_{90}:	91.35 µm		
Specific Surf. Area	9273 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.140	5.428	18.99	46.47	91.35

287.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.99	500.0	98.2
5.000	23.5	1000	100.0
10.00	36.2	2000	100
15.00	44.2		
20.00	51.4		
25.00	57.6		
50.00	76.8		
60.00	81.5		
63.00	82.8		
70.00	85.4		
75.00	86.9		
90.00	89.8		
125.0	92.7		
200.0	96.7		
250.0	97.1		
400.0	97.7		

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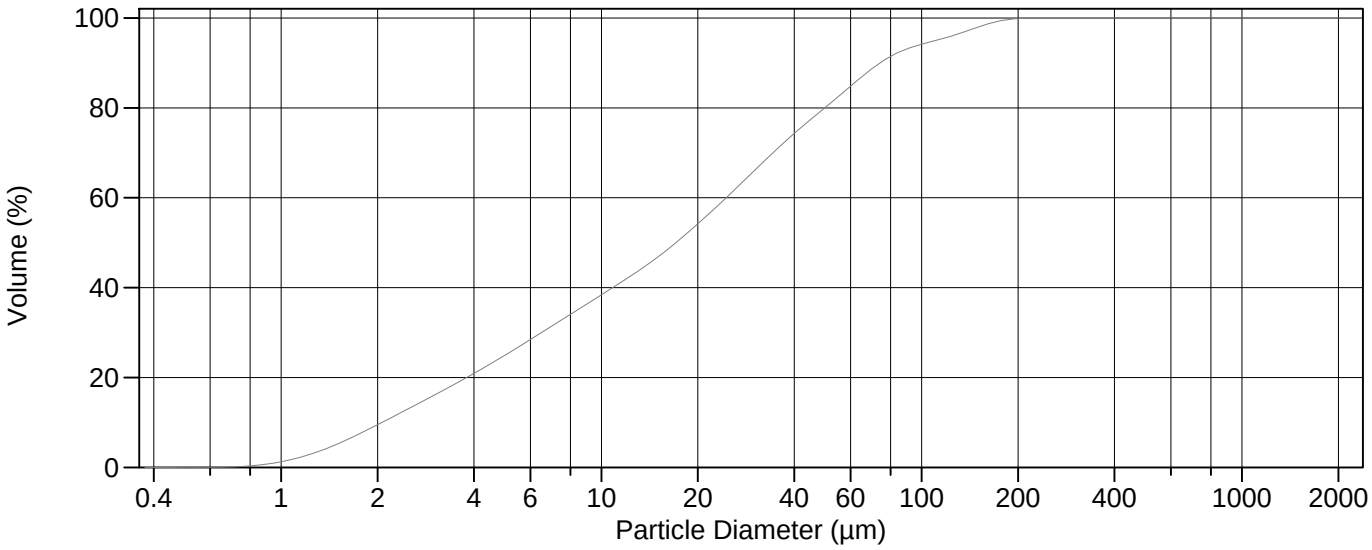

Volume Statistics (Arithmetic) 288.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	30.09 µm	95% Conf. Limits:	0-100.6 µm
Median:	17.09 µm	S.D.:	35.98 µm
D(3,2):	6.137 µm	Variance:	1295 μm^2
Mean/Median Ratio:	1.760	C.V.:	120%
Mode:	28.69 µm	Skewness:	2.060 Right skewed
d_{10}:	2.065 µm	Kurtosis:	4.614 Leptokurtic
d_{50}:	17.09 µm		
d_{90}:	74.23 µm		
Specific Surf. Area	9777 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.065	5.010	17.09	41.08	74.23

288.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.50	500.0	100
5.000	25.0	1000	100
10.00	38.4	2000	100
15.00	46.8		
20.00	54.2		
25.00	60.6		
50.00	80.1		
60.00	84.8		
63.00	86.1		
70.00	88.7		
75.00	90.2		
90.00	93.1		
125.0	96.1		
200.0	99.9		
250.0	100.0		
400.0	100		

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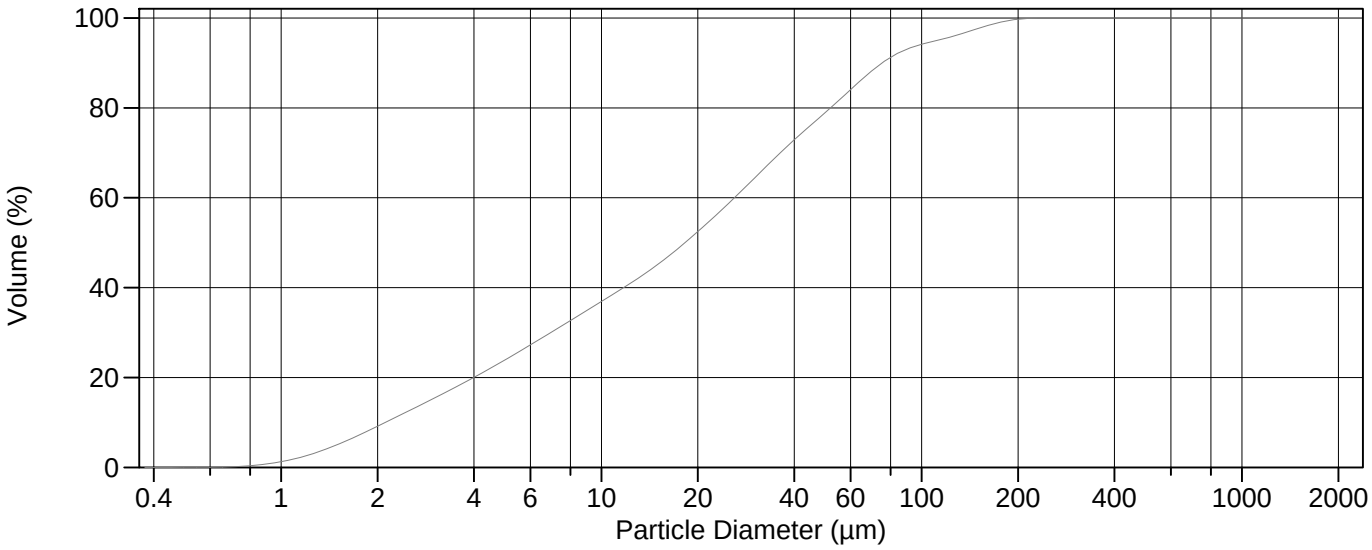

Volume Statistics (Arithmetic) 289.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	31.25 µm	95% Conf. Limits:	0-103.7 µm
Median:	18.25 µm	S.D.:	36.99 µm
D(3,2):	6.332 µm	Variance:	1368 μm^2
Mean/Median Ratio:	1.712	C.V.:	118%
Mode:	31.50 µm	Skewness:	2.099 Right skewed
d_{10}:	2.117 µm	Kurtosis:	4.995 Leptokurtic
d_{50}:	18.25 µm		
d_{90}:	75.29 µm		
Specific Surf. Area	9476 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.117	5.312	18.25	43.19	75.29

289.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.15	500.0	100
5.000	23.9	1000	100
10.00	36.9	2000	100
15.00	45.2		
20.00	52.5		
25.00	58.8		
50.00	78.9		
60.00	84.0		
63.00	85.4		
70.00	88.3		
75.00	89.9		
90.00	93.0		
125.0	95.9		
200.0	99.7		
250.0	100.0		
400.0	100		

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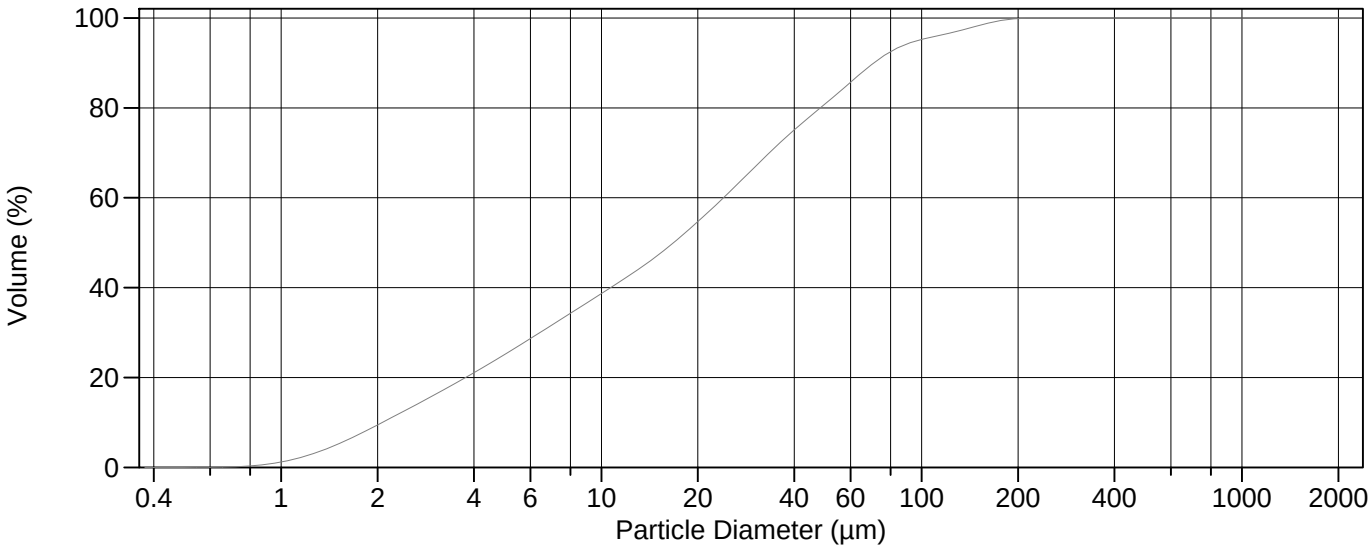

Volume Statistics (Arithmetic) 290.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	28.94 µm	95% Conf. Limits:	0-96.09 µm
Median:	16.80 µm	S.D.:	34.26 µm
D(3,2):	6.121 µm	Variance:	1174 μm^2
Mean/Median Ratio:	1.722	C.V.:	118%
Mode:	28.69 µm	Skewness:	2.137 Right skewed
d_{10}:	2.071 µm	Kurtosis:	5.368 Leptokurtic
d_{50}:	16.80 µm		
d_{90}:	70.92 µm		
Specific Surf. Area	9802 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.071	4.961	16.80	39.82	70.92

290.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.45	500.0	100
5.000	25.1	1000	100
10.00	38.7	2000	100
15.00	47.2		
20.00	54.7		
25.00	61.2		
50.00	80.9		
60.00	85.7		
63.00	87.0		
70.00	89.7		
75.00	91.3		
90.00	94.2		
125.0	96.8		
200.0	99.8		
250.0	100.0		
400.0	100		

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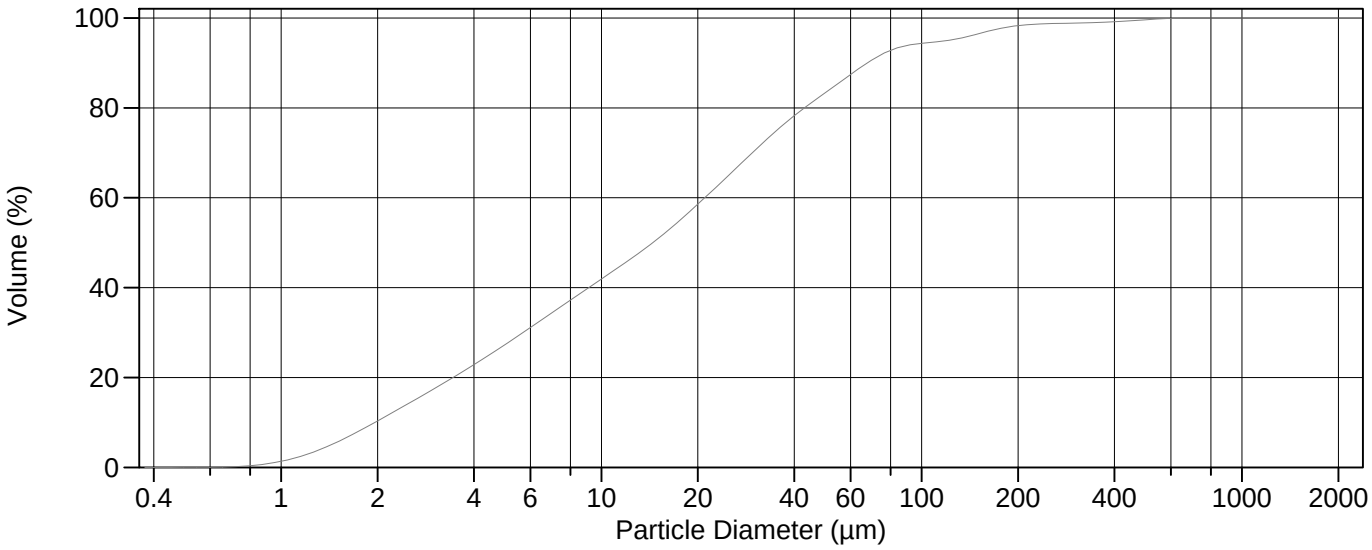

Volume Statistics (Arithmetic) 291.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	31.78 µm	95% Conf. Limits:	0-148.0 µm
Median:	14.47 µm	S.D.:	59.31 µm
D(3,2):	5.697 µm	Variance:	3518 μm^2
Mean/Median Ratio:	2.196	C.V.:	187%
Mode:	28.69 µm	Skewness:	5.498 Right skewed
d_{10}:	1.962 µm	Kurtosis:	39.22 Leptokurtic
d_{50}:	14.47 µm		
d_{90}:	67.68 µm		
Specific Surf. Area	10531 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.962	4.465	14.47	35.29	67.68

291.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.3	500.0	99.6
5.000	27.3	1000	100
10.00	41.9	2000	100
15.00	50.9		
20.00	58.6		
25.00	65.0		
50.00	83.3		
60.00	87.4		
63.00	88.5		
70.00	90.7		
75.00	91.9		
90.00	93.9		
125.0	95.2		
200.0	98.3		
250.0	98.7		
400.0	99.2		

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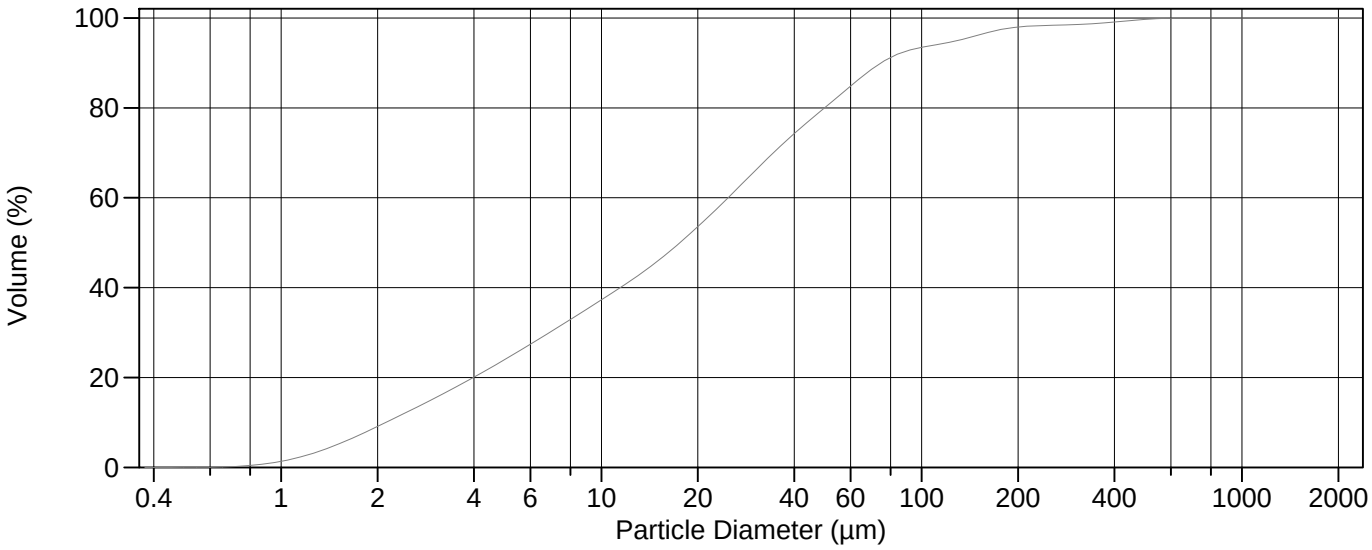

Volume Statistics (Arithmetic) 292.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	35.60 µm	95% Conf. Limits:	0-156.2 µm
Median:	17.59 µm	S.D.:	61.54 µm
D(3,2):	6.276 µm	Variance:	3788 μm^2
Mean/Median Ratio:	2.024	C.V.:	173%
Mode:	28.69 µm	Skewness:	4.855 Right skewed
d_{10}:	2.124 µm	Kurtosis:	30.09 Leptokurtic
d_{50}:	17.59 µm		
d_{90}:	74.68 µm		
Specific Surf. Area	9561 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.124	5.277	17.59	41.10	74.68

292.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.11	500.0	99.7
5.000	24.0	1000	100
10.00	37.3	2000	100
15.00	45.9		
20.00	53.6		
25.00	60.2		
50.00	80.1		
60.00	84.8		
63.00	86.1		
70.00	88.7		
75.00	90.1		
90.00	92.7		
125.0	94.8		
200.0	98.0		
250.0	98.4		
400.0	99.1		

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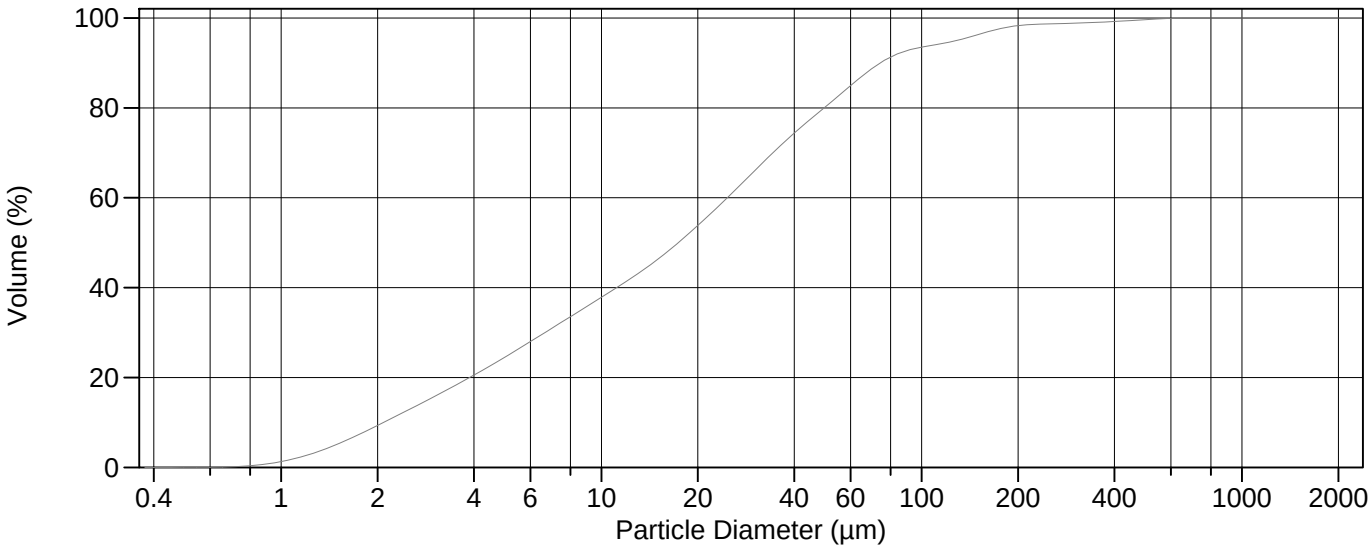

Volume Statistics (Arithmetic) 293.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	34.83 µm	95% Conf. Limits:	0-151.8 µm
Median:	17.39 µm	S.D.:	59.68 µm
D(3,2):	6.202 µm	Variance:	3562 μm^2
Mean/Median Ratio:	2.003	C.V.:	171%
Mode:	28.69 µm	Skewness:	5.164 Right skewed
d_{10}:	2.089 µm	Kurtosis:	35.84 Leptokurtic
d_{50}:	17.39 µm		
d_{90}:	74.36 µm		
Specific Surf. Area	9675 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.089	5.124	17.39	40.92	74.36

293.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.34	500.0	99.6
5.000	24.5	1000	100
10.00	37.8	2000	100
15.00	46.3		
20.00	53.8		
25.00	60.3		
50.00	80.2		
60.00	84.9		
63.00	86.2		
70.00	88.8		
75.00	90.2		
90.00	92.7		
125.0	94.8		
200.0	98.3		
250.0	98.7		
400.0	99.2		

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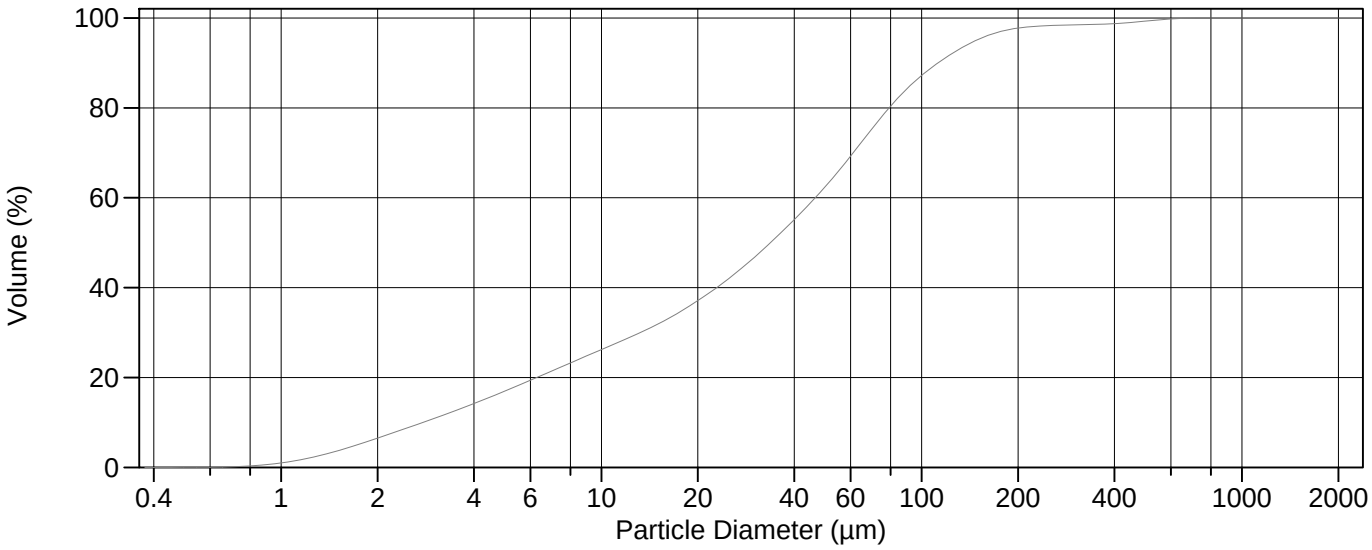

Volume Statistics (Arithmetic) 294#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	51.96 µm	95% Conf. Limits:	0-191.2 µm
Median:	33.72 µm	S.D.:	71.04 µm
D(3,2):	8.543 µm	Variance:	5047 μm^2
Mean/Median Ratio:	1.541	C.V.:	137%
Mode:	66.44 µm	Skewness:	4.351 Right skewed
d_{10}:	2.771 µm	Kurtosis:	26.55 Leptokurtic
d_{50}:	33.72 µm		
d_{90}:	112.4 µm		
Specific Surf. Area	7023 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.771	9.123	33.72	69.31	112.4

294#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.51	500.0	99.3
5.000	17.0	1000	100
10.00	26.2	2000	100
15.00	31.9		
20.00	37.1		
25.00	42.0		
50.00	62.4		
60.00	69.2		
63.00	71.2		
70.00	75.4		
75.00	78.0		
90.00	84.3		
125.0	92.2		
200.0	97.8		
250.0	98.3		
400.0	98.8		

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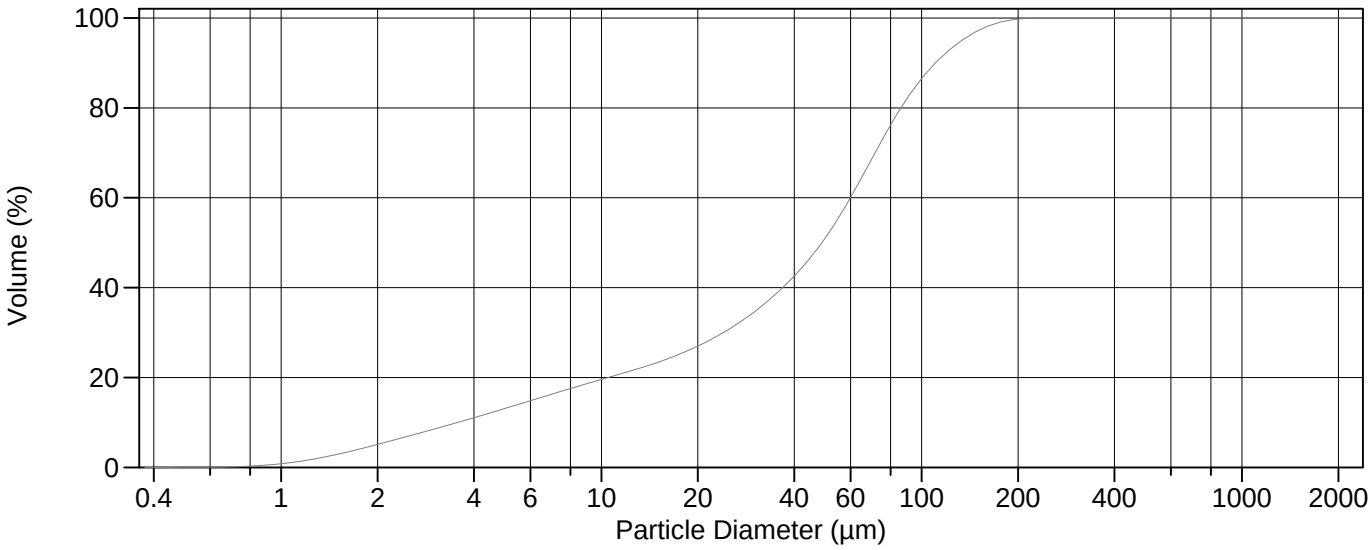

Volume Statistics (Arithmetic) 295.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	53.35 µm	95% Conf. Limits:	0-135.5 µm
Median:	48.82 µm	S.D.:	41.89 µm
D(3,2):	10.70 µm	Variance:	1755 μm^2
Mean/Median Ratio:	1.093	C.V.:	78.5%
Mode:	66.44 µm	Skewness:	0.824 Right skewed
d_{10}:	3.554 µm	Kurtosis:	0.430 Leptokurtic
d_{50}:	48.82 µm		
d_{90}:	110.3 µm		
Specific Surf. Area	5608 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.554	17.26	48.82	78.26	110.3

295.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	5.12	500.0	100
5.000	13.1	1000	100
10.00	19.6	2000	100
15.00	23.4		
20.00	27.0		
25.00	30.7		
50.00	51.0		
60.00	60.0		
63.00	62.8		
70.00	68.8		
75.00	72.7		
90.00	82.1		
125.0	93.5		
200.0	99.8		
250.0	100.0		
400.0	100		

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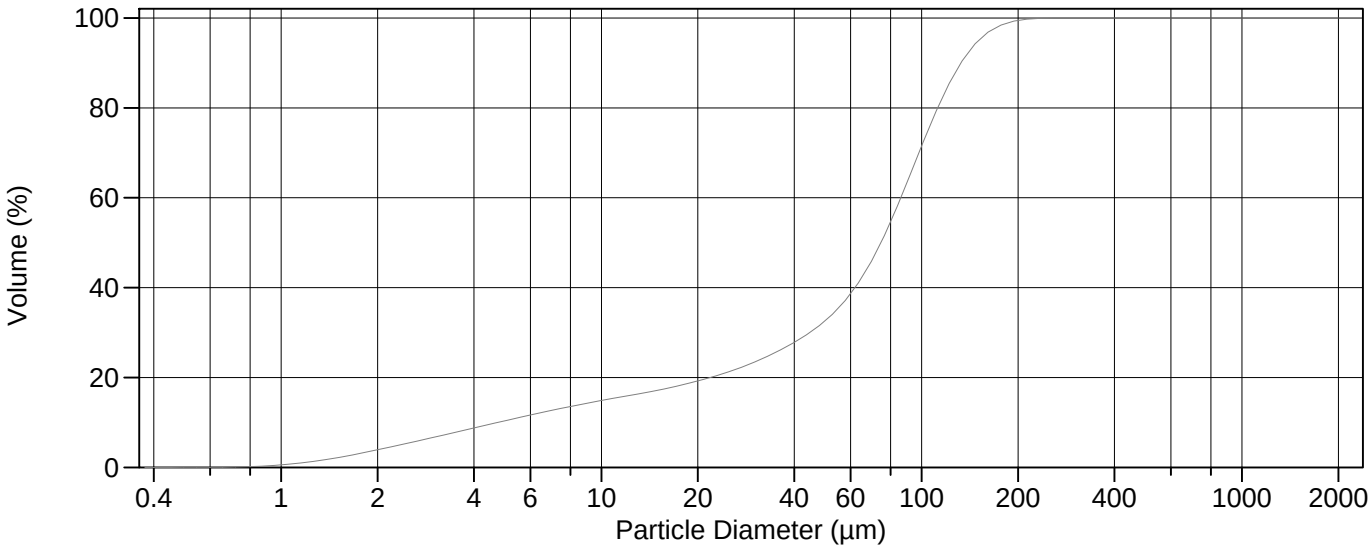

Volume Statistics (Arithmetic) 296.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	72.50 µm	95% Conf. Limits:	0-164.7 µm
Median:	74.57 µm	S.D.:	47.06 µm
D(3,2):	13.89 µm	Variance:	2215 μm^2
Mean/Median Ratio:	0.972	C.V.:	64.9%
Mode:	96.49 µm	Skewness:	0.243 Right skewed
d_{10}:	4.748 µm	Kurtosis:	-0.416 Platykurtic
d_{50}:	74.57 µm		
d_{90}:	132.6 µm		
Specific Surf. Area	4318 cm^2/ml		

% <	10	25	50	75	90
Size µm	4.748	33.66	74.57	104.8	132.6

296.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	3.92	500.0	100
5.000	10.4	1000	100
10.00	14.9	2000	100
15.00	17.2		
20.00	19.2		
25.00	21.3		
50.00	32.7		
60.00	38.7		
63.00	40.8		
70.00	46.1		
75.00	50.4		
90.00	63.4		
125.0	86.8		
200.0	99.5		
250.0	100.0		
400.0	100		

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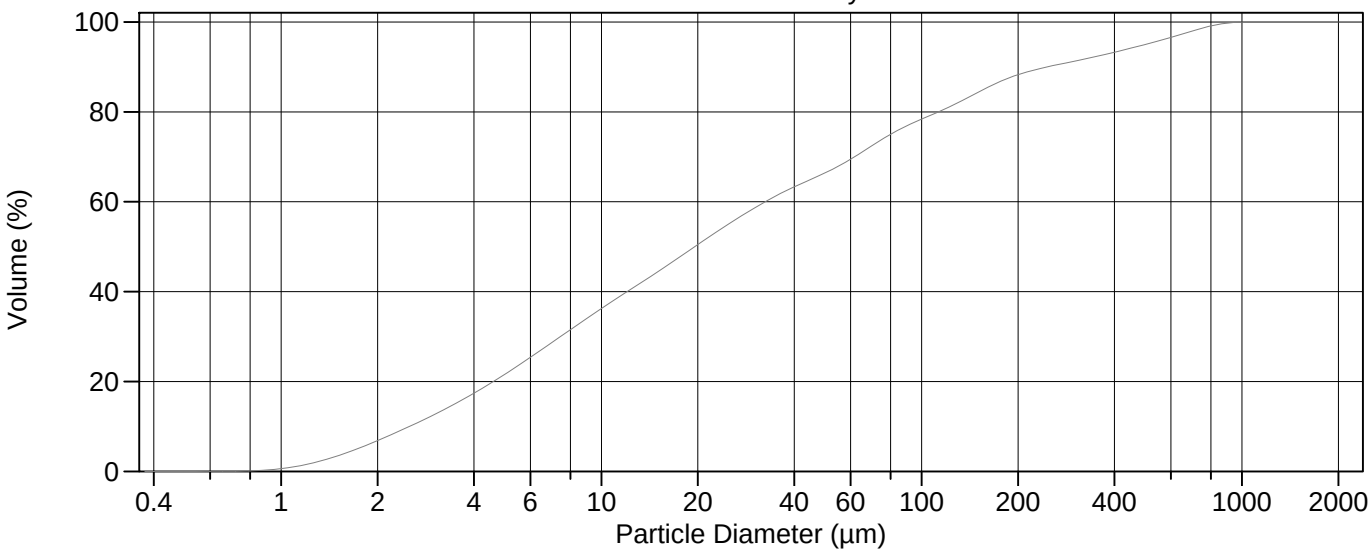

Volume Statistics (Arithmetic) 297.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	87.28 µm	95% Conf. Limits:	0-407.8 µm
Median:	19.57 µm	S.D.:	163.5 µm
D(3,2):	7.382 µm	Variance:	26739 μm^2
Mean/Median Ratio:	4.461	C.V.:	187%
Mode:	7.083 µm	Skewness:	2.901 Right skewed
d_{10}:	2.516 µm	Kurtosis:	8.433 Leptokurtic
d_{50}:	19.57 µm		
d_{90}:	246.5 µm		
Specific Surf. Area	8128 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.516	5.897	19.57	80.00	246.5

297.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.86	500.0	95.0
5.000	21.6	1000	100.0
10.00	36.2	2000	100
15.00	44.4		
20.00	50.5		
25.00	55.1		
50.00	66.4		
60.00	69.5		
63.00	70.4		
70.00	72.5		
75.00	73.8		
90.00	76.9		
125.0	81.5		
200.0	88.3		
250.0	90.1		
400.0	93.3		

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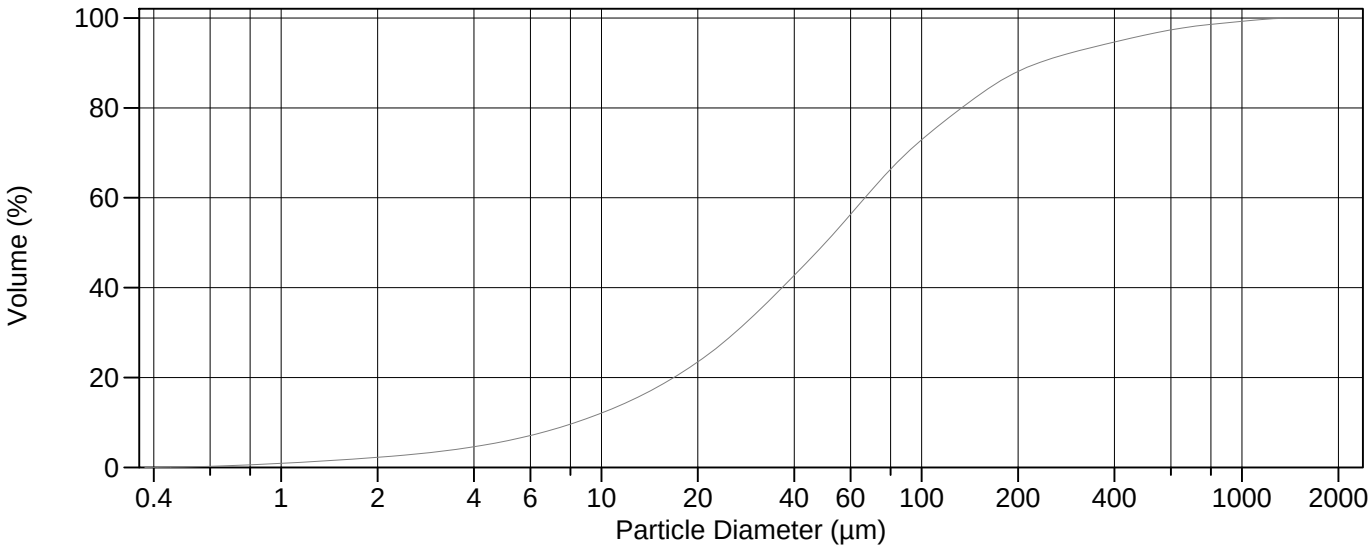

Volume Statistics (Arithmetic) 298.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	103.1 µm	95% Conf. Limits:	0-425.1 µm
Median:	50.10 µm	S.D.:	164.3 µm
D(3,2):	15.77 µm	Variance:	26988 μm^2
Mean/Median Ratio:	2.059	C.V.:	159%
Mode:	66.44 µm	Skewness:	3.764 Right skewed
d_{10}:	8.303 µm	Kurtosis:	17.38 Leptokurtic
d_{50}:	50.10 µm		
d_{90}:	231.4 µm		
Specific Surf. Area	3804 cm^2/ml		

% <	10	25	50	75	90
Size µm	8.303	21.41	50.10	108.5	231.4

298.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	2.25	500.0	96.2
5.000	5.83	1000	99.3
10.00	12.1	2000	100
15.00	17.9		
20.00	23.5		
25.00	28.8		
50.00	49.9		
60.00	56.3		
63.00	58.0		
70.00	61.8		
75.00	64.2		
90.00	70.0		
125.0	78.5		
200.0	88.1		
250.0	90.8		
400.0	94.7		

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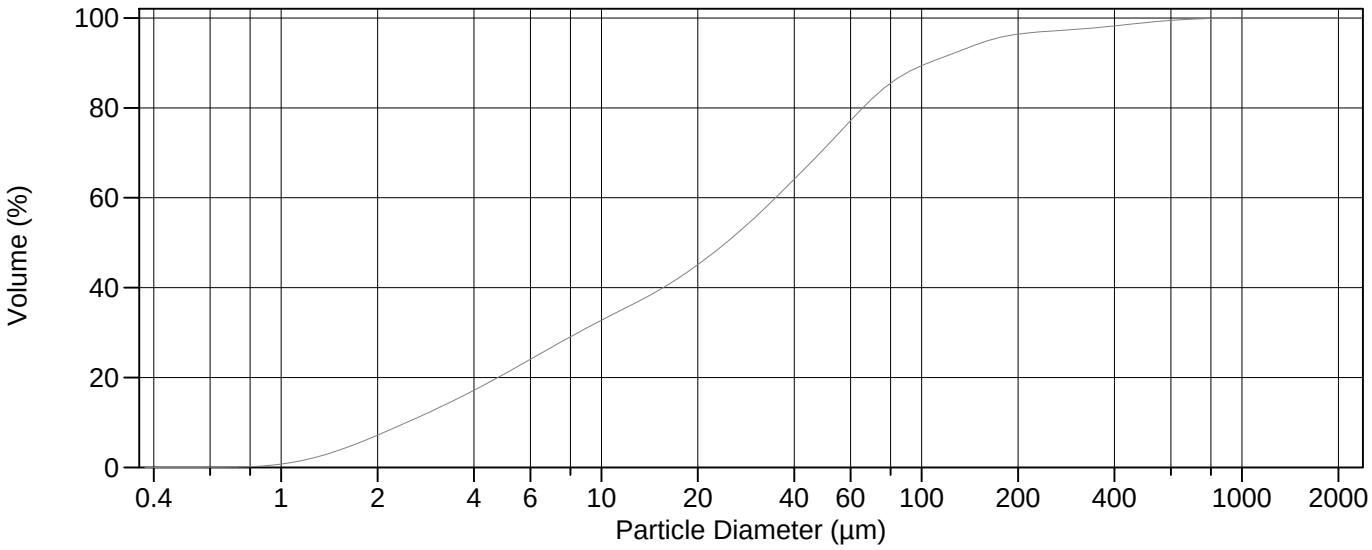


Volume Statistics (Arithmetic) 299.$02

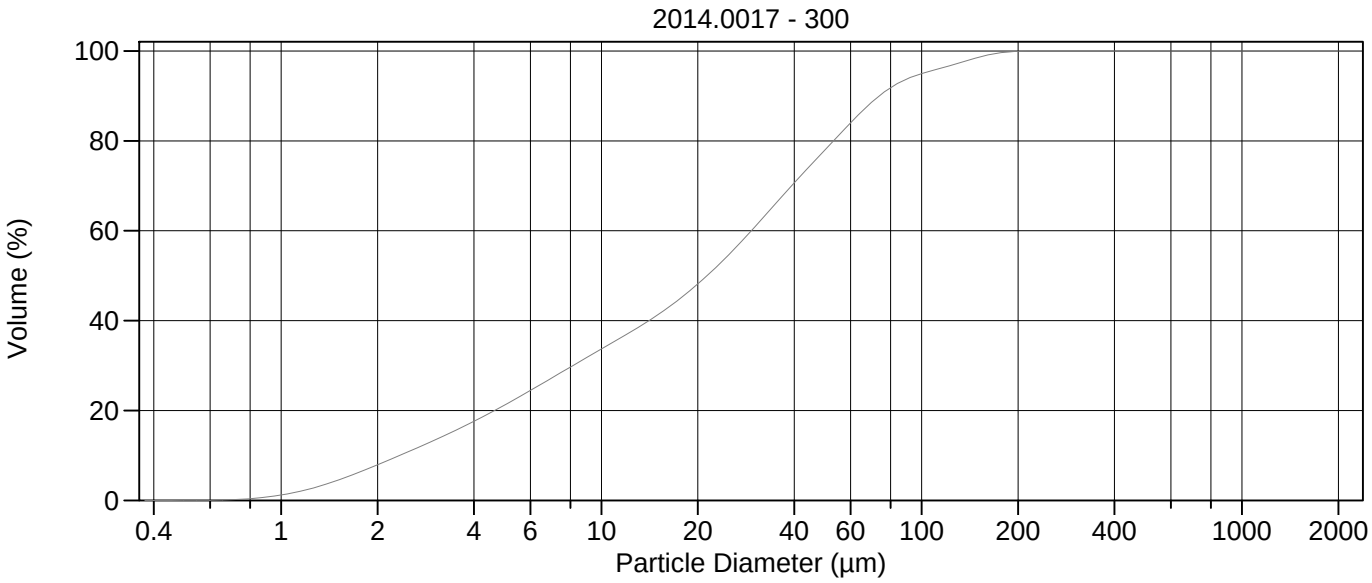
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	49.21 µm	95% Conf. Limits:	0-219.6 µm
Median:	24.52 µm	S.D.:	86.91 µm
D(3,2):	7.481 µm	Variance:	7553 μm^2
Mean/Median Ratio:	2.007	C.V.:	177%
Mode:	55.14 µm	Skewness:	4.785 Right skewed
d_{10}:	2.467 µm	Kurtosis:	29.20 Leptokurtic
d_{50}:	24.52 µm		
d_{90}:	105.0 µm		
Specific Surf. Area	8021 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.467	6.339	24.52	56.25	105.0

299.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.17	500.0	99.0
5.000	20.9	1000	100.0
10.00	32.8	2000	100
15.00	39.3		
20.00	45.1		
25.00	50.5		
50.00	71.1		
60.00	77.1		
63.00	78.8		
70.00	82.0		
75.00	83.9		
90.00	87.8		
125.0	92.1		
200.0	96.4		
250.0	97.1		
400.0	98.2		



Volume Statistics (Arithmetic) 300.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	31.75 µm	95% Conf. Limits:	0-98.07 µm
Median:	21.36 µm	S.D.:	33.84 µm
D(3,2):	6.942 µm	Variance:	1145 μm^2
Mean/Median Ratio:	1.486	C.V.:	107%
Mode:	34.58 µm	Skewness:	1.838 Right skewed
d_{10}:	2.345 µm	Kurtosis:	3.985 Leptokurtic
d_{50}:	21.36 µm		
d_{90}:	73.75 µm		
Specific Surf. Area	8643 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.345	6.182	21.36	45.61	73.75

300.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.93	500.0	100
5.000	21.3	1000	100
10.00	33.7	2000	100
15.00	41.3		
20.00	48.2		
25.00	54.7		
50.00	78.0		
60.00	84.0		
63.00	85.6		
70.00	88.7		
75.00	90.4		
90.00	93.8		
125.0	96.9		
200.0	99.9		
250.0	100.0		
400.0	100		

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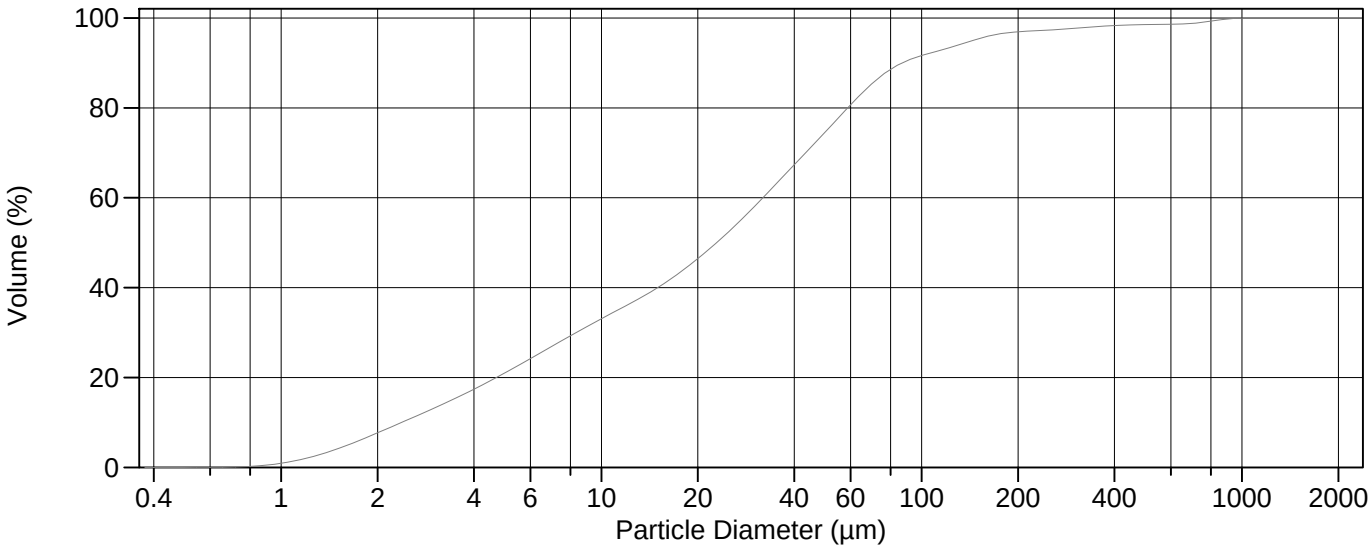

Volume Statistics (Arithmetic) 301.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	48.06 µm	95% Conf. Limits:	0-252.3 µm
Median:	22.89 µm	S.D.:	104.2 µm
D(3,2):	7.209 µm	Variance:	10854 µm^2
Mean/Median Ratio:	2.099	C.V.:	217%
Mode:	55.14 µm	Skewness:	5.975 Right skewed
d_{10}:	2.379 µm	Kurtosis:	40.65 Leptokurtic
d_{50}:	22.89 µm		
d_{90}:	87.10 µm		
Specific Surf. Area	8323 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.379	6.279	22.89	50.60	87.10

301.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.69	500.0	98.5
5.000	21.0	1000	100.0
10.00	33.1	2000	100
15.00	40.0		
20.00	46.5		
25.00	52.5		
50.00	74.6		
60.00	80.6		
63.00	82.3		
70.00	85.4		
75.00	87.2		
90.00	90.5		
125.0	93.6		
200.0	96.9		
250.0	97.3		
400.0	98.3		

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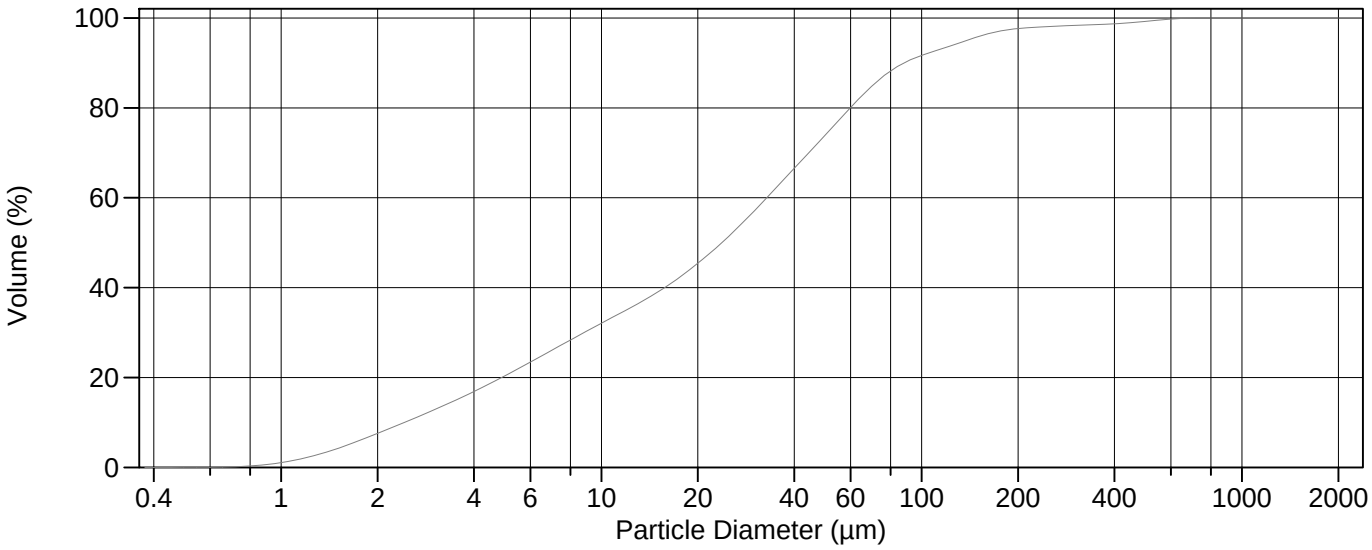

Volume Statistics (Arithmetic) 302.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	42.78 µm	95% Conf. Limits:	0-181.9 µm
Median:	23.77 µm	S.D.:	70.97 µm
D(3,2):	7.299 µm	Variance:	5037 μm^2
Mean/Median Ratio:	1.800	C.V.:	166%
Mode:	55.14 µm	Skewness:	4.962 Right skewed
d_{10}:	2.423 µm	Kurtosis:	31.30 Leptokurtic
d_{50}:	23.77 µm		
d_{90}:	88.27 µm		
Specific Surf. Area	8221 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.423	6.581	23.77	51.62	88.27

302.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.57	500.0	99.3
5.000	20.4	1000	100
10.00	32.1	2000	100
15.00	39.0		
20.00	45.4		
25.00	51.5		
50.00	73.9		
60.00	80.0		
63.00	81.7		
70.00	84.9		
75.00	86.7		
90.00	90.3		
125.0	94.0		
200.0	97.6		
250.0	98.1		
400.0	98.7		

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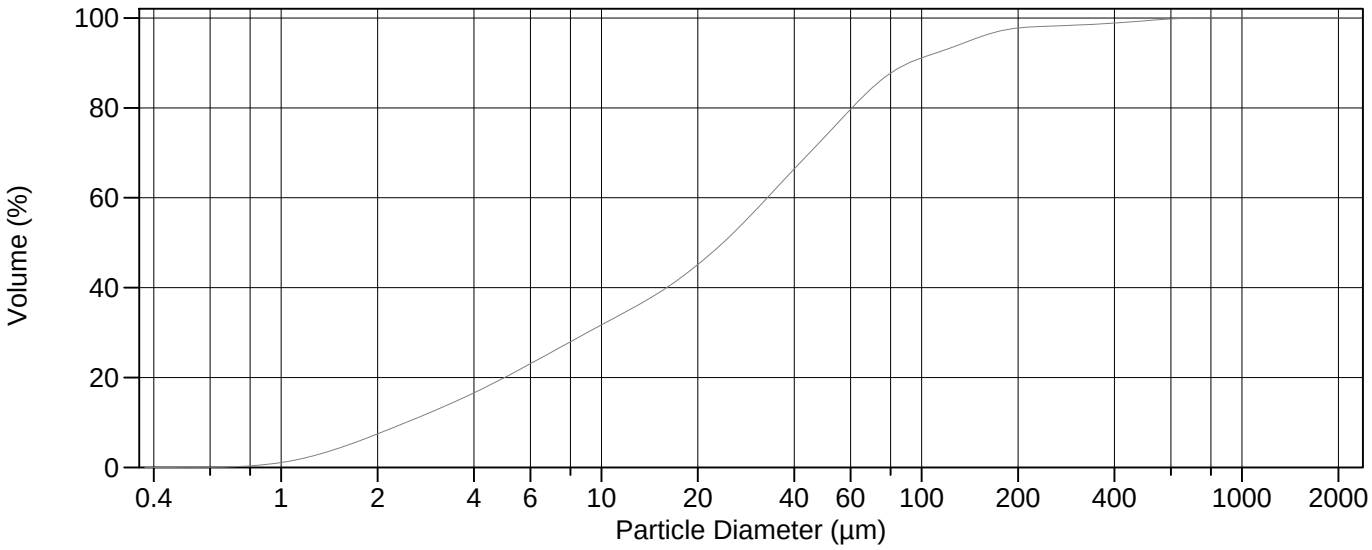

Volume Statistics (Arithmetic) 303.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	42.88 µm	95% Conf. Limits:	0-177.9 µm
Median:	23.98 µm	S.D.:	68.87 µm
D(3,2):	7.368 µm	Variance:	4744 μm^2
Mean/Median Ratio:	1.788	C.V.:	161%
Mode:	34.58 µm	Skewness:	4.813 Right skewed
d_{10}:	2.455 µm	Kurtosis:	30.44 Leptokurtic
d_{50}:	23.98 µm		
d_{90}:	91.17 µm		
Specific Surf. Area	8143 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.455	6.727	23.98	52.09	91.17

303.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.46	500.0	99.4
5.000	20.0	1000	100
10.00	31.7	2000	100
15.00	38.7		
20.00	45.1		
25.00	51.2		
50.00	73.6		
60.00	79.6		
63.00	81.3		
70.00	84.5		
75.00	86.3		
90.00	89.8		
125.0	93.5		
200.0	97.8		
250.0	98.2		
400.0	98.9		

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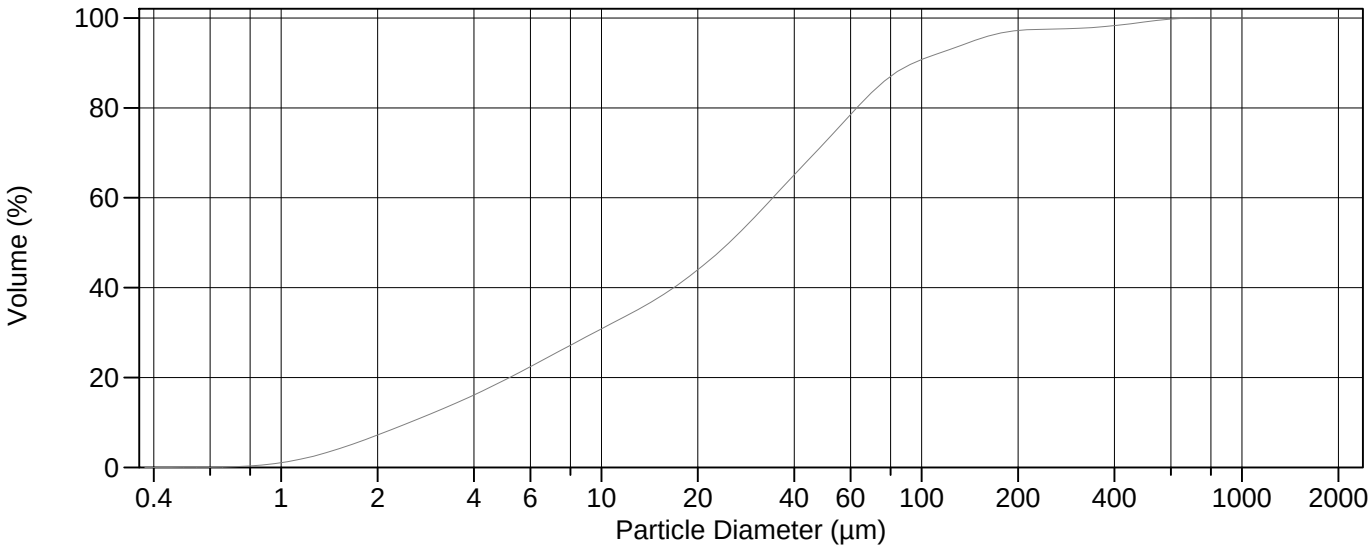

Volume Statistics (Arithmetic) 304.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	46.12 µm	95% Conf. Limits:	0-197.9 µm
Median:	25.04 µm	S.D.:	77.42 µm
D(3,2):	7.561 µm	Variance:	5993 μm^2
Mean/Median Ratio:	1.841	C.V.:	168%
Mode:	55.14 µm	Skewness:	4.578 Right skewed
d_{10}:	2.519 µm	Kurtosis:	25.36 Leptokurtic
d_{50}:	25.04 µm		
d_{90}:	94.43 µm		
Specific Surf. Area	7935 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.519	7.018	25.04	54.10	94.43

304.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.22	500.0	99.1
5.000	19.5	1000	100
10.00	30.8	2000	100
15.00	37.7		
20.00	44.0		
25.00	49.9		
50.00	72.4		
60.00	78.5		
63.00	80.2		
70.00	83.5		
75.00	85.4		
90.00	89.3		
125.0	93.2		
200.0	97.2		
250.0	97.5		
400.0	98.3		

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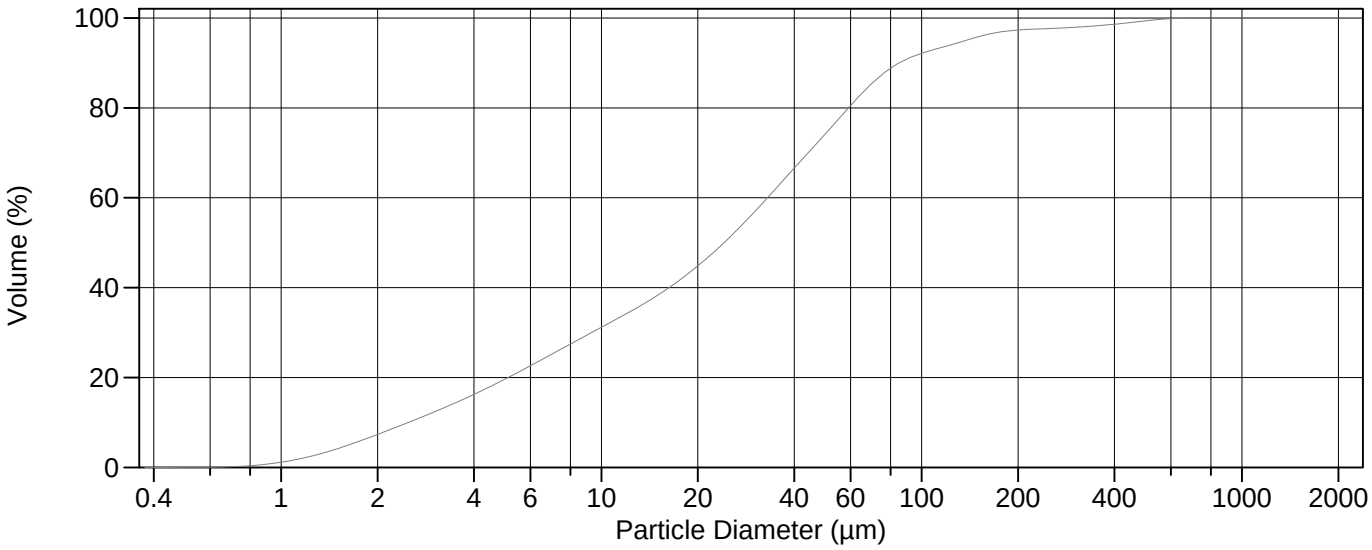

Volume Statistics (Arithmetic) 305.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	43.18 µm	95% Conf. Limits:	0-183.8 µm
Median:	24.17 µm	S.D.:	71.76 µm
D(3,2):	7.426 µm	Variance:	5150 μm^2
Mean/Median Ratio:	1.787	C.V.:	166%
Mode:	55.14 µm	Skewness:	4.679 Right skewed
d_{10}:	2.496 µm	Kurtosis:	26.75 Leptokurtic
d_{50}:	24.17 µm		
d_{90}:	84.93 µm		
Specific Surf. Area	8080 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.496	6.927	24.17	51.22	84.93

305.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.34	500.0	99.3
5.000	19.6	1000	100
10.00	31.2	2000	100
15.00	38.3		
20.00	44.8		
25.00	51.0		
50.00	74.2		
60.00	80.5		
63.00	82.2		
70.00	85.5		
75.00	87.3		
90.00	90.9		
125.0	94.2		
200.0	97.3		
250.0	97.7		
400.0	98.6		

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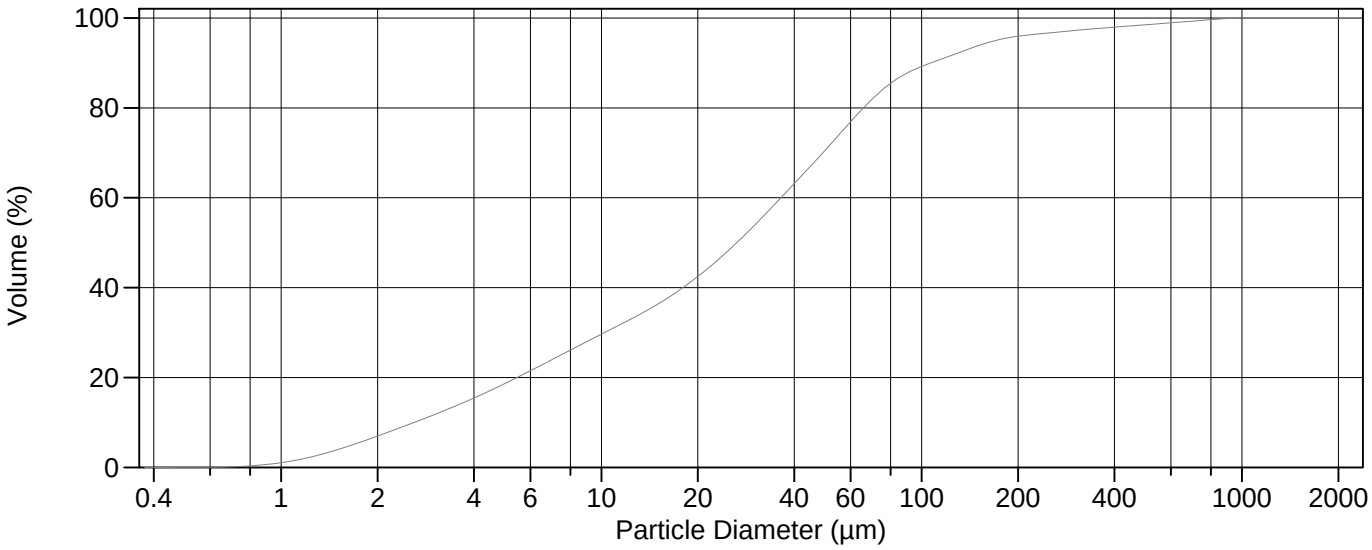

Volume Statistics (Arithmetic) 306#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	53.05 µm	95% Conf. Limits:	0-249.4 µm
Median:	26.47 µm	S.D.:	100.2 µm
D(3,2):	7.808 µm	Variance:	10036 μm^2
Mean/Median Ratio:	2.004	C.V.:	189%
Mode:	55.14 µm	Skewness:	5.083 Right skewed
d_{10}:	2.601 µm	Kurtosis:	31.12 Leptokurtic
d_{50}:	26.47 µm		
d_{90}:	106.9 µm		
Specific Surf. Area	7684 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.601	7.470	26.47	56.82	106.9

306#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.98	500.0	98.5
5.000	18.7	1000	100.0
10.00	29.6	2000	100
15.00	36.3		
20.00	42.5		
25.00	48.3		
50.00	70.6		
60.00	76.9		
63.00	78.6		
70.00	82.0		
75.00	83.9		
90.00	87.7		
125.0	91.8		
200.0	95.9		
250.0	96.7		
400.0	98.0		

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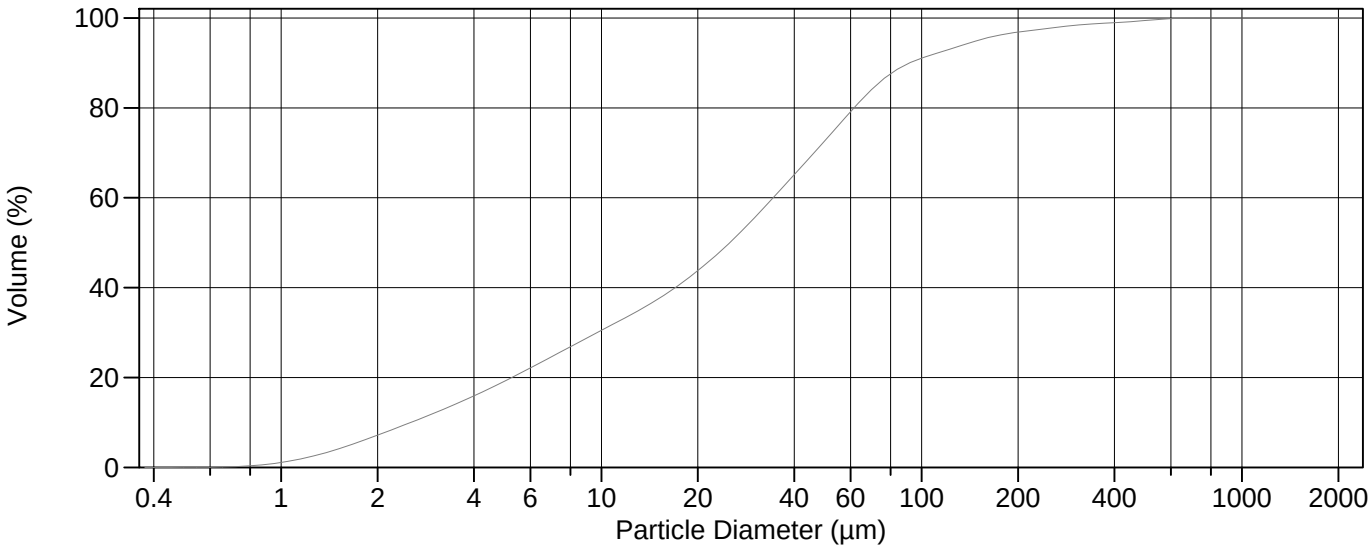

Volume Statistics (Arithmetic) 307.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	44.43 µm	95% Conf. Limits:	0-181.1 µm
Median:	25.15 µm	S.D.:	69.72 µm
D(3,2):	7.591 µm	Variance:	4861 μm^2
Mean/Median Ratio:	1.766	C.V.:	157%
Mode:	55.14 µm	Skewness:	4.437 Right skewed
d_{10}:	2.540 µm	Kurtosis:	25.82 Leptokurtic
d_{50}:	25.15 µm		
d_{90}:	91.56 µm		
Specific Surf. Area	7905 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.540	7.155	25.15	53.32	91.56

307.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.18	500.0	99.4
5.000	19.2	1000	100
10.00	30.5	2000	100
15.00	37.4		
20.00	43.8		
25.00	49.8		
50.00	72.7		
60.00	79.1		
63.00	80.8		
70.00	84.2		
75.00	86.1		
90.00	89.7		
125.0	93.3		
200.0	96.9		
250.0	97.7		
400.0	99.0		

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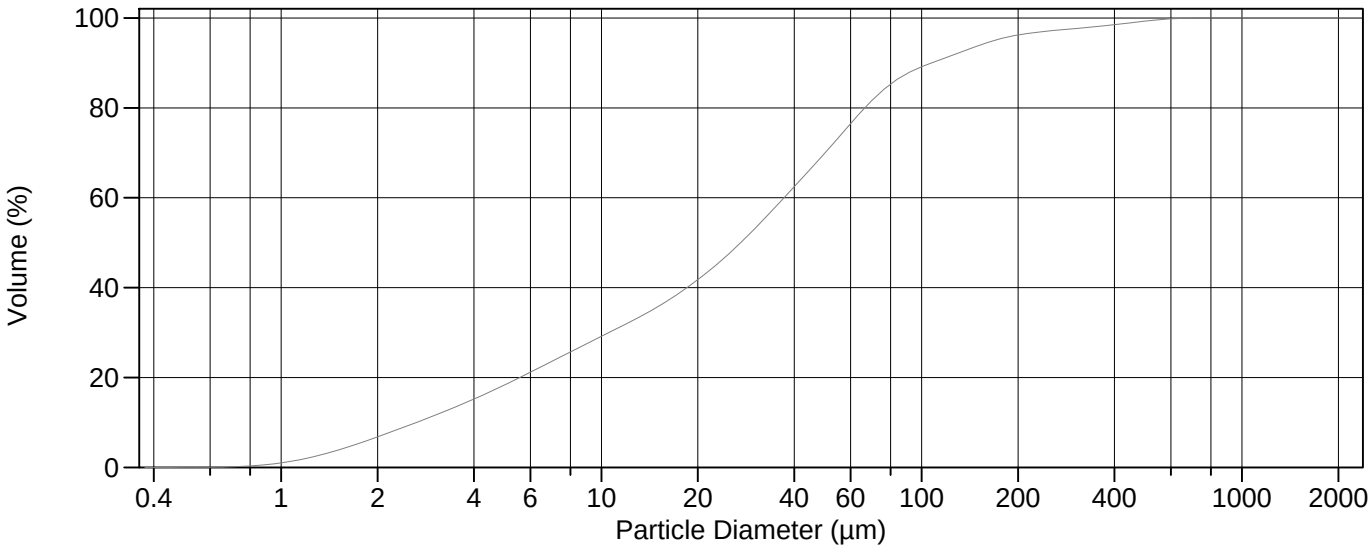

Volume Statistics (Arithmetic) 308.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	49.44 µm	95% Conf. Limits:	0-202.0 µm
Median:	27.20 µm	S.D.:	77.82 µm
D(3,2):	7.943 µm	Variance:	6055 μm^2
Mean/Median Ratio:	1.818	C.V.:	157%
Mode:	55.14 µm	Skewness:	4.056 Right skewed
d_{10}:	2.645 µm	Kurtosis:	20.52 Leptokurtic
d_{50}:	27.20 µm		
d_{90}:	107.4 µm		
Specific Surf. Area	7554 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.645	7.666	27.20	57.52	107.4

308.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.80	500.0	99.3
5.000	18.4	1000	100
10.00	29.2	2000	100
15.00	35.7		
20.00	41.8		
25.00	47.5		
50.00	70.0		
60.00	76.5		
63.00	78.2		
70.00	81.7		
75.00	83.7		
90.00	87.6		
125.0	91.7		
200.0	96.2		
250.0	97.1		
400.0	98.5		

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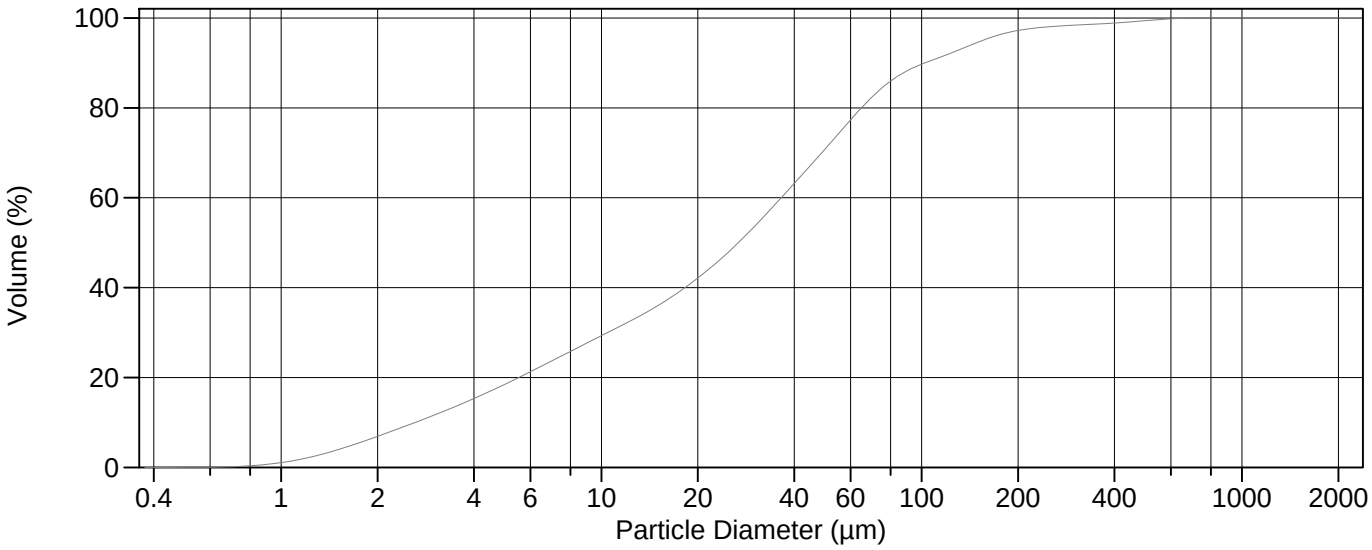

Volume Statistics (Arithmetic) 309.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	46.30 µm	95% Conf. Limits:	0-184.0 µm
Median:	26.76 µm	S.D.:	70.28 µm
D(3,2):	7.853 µm	Variance:	4939 μm^2
Mean/Median Ratio:	1.730	C.V.:	152%
Mode:	55.14 µm	Skewness:	4.393 Right skewed
d_{10}:	2.622 µm	Kurtosis:	25.95 Leptokurtic
d_{50}:	26.76 µm		
d_{90}:	102.3 µm		
Specific Surf. Area	7641 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.622	7.608	26.76	56.21	102.3

309.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.90	500.0	99.4
5.000	18.5	1000	100
10.00	29.3	2000	100
15.00	36.0		
20.00	42.1		
25.00	48.0		
50.00	70.9		
60.00	77.3		
63.00	79.0		
70.00	82.5		
75.00	84.4		
90.00	88.2		
125.0	92.3		
200.0	97.2		
250.0	98.0		
400.0	98.9		

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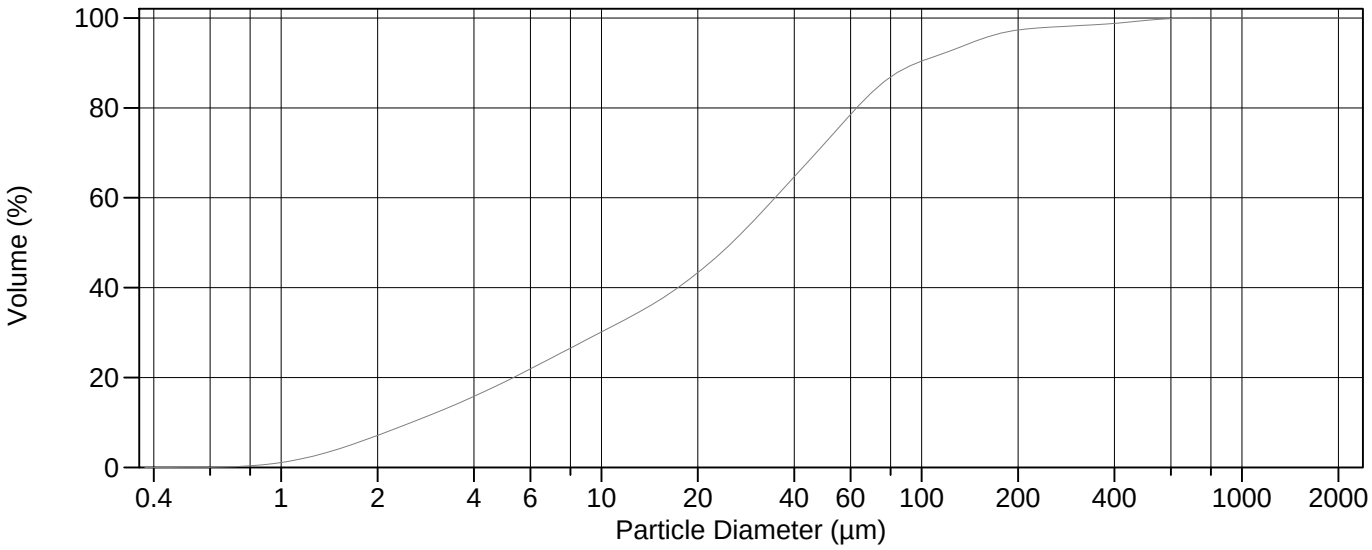

Volume Statistics (Arithmetic) 310.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	44.99 µm	95% Conf. Limits:	0-182.2 µm
Median:	25.55 µm	S.D.:	70.03 µm
D(3,2):	7.650 µm	Variance:	4904 μm^2
Mean/Median Ratio:	1.761	C.V.:	156%
Mode:	55.14 µm	Skewness:	4.415 Right skewed
d_{10}:	2.554 µm	Kurtosis:	25.32 Leptokurtic
d_{50}:	25.55 µm		
d_{90}:	96.87 µm		
Specific Surf. Area	7843 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.554	7.272	25.55	54.20	96.87

310.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.13	500.0	99.4
5.000	19.1	1000	100
10.00	30.1	2000	100
15.00	37.0		
20.00	43.3		
25.00	49.4		
50.00	72.2		
60.00	78.5		
63.00	80.2		
70.00	83.5		
75.00	85.3		
90.00	89.0		
125.0	92.9		
200.0	97.3		
250.0	97.9		
400.0	98.8		

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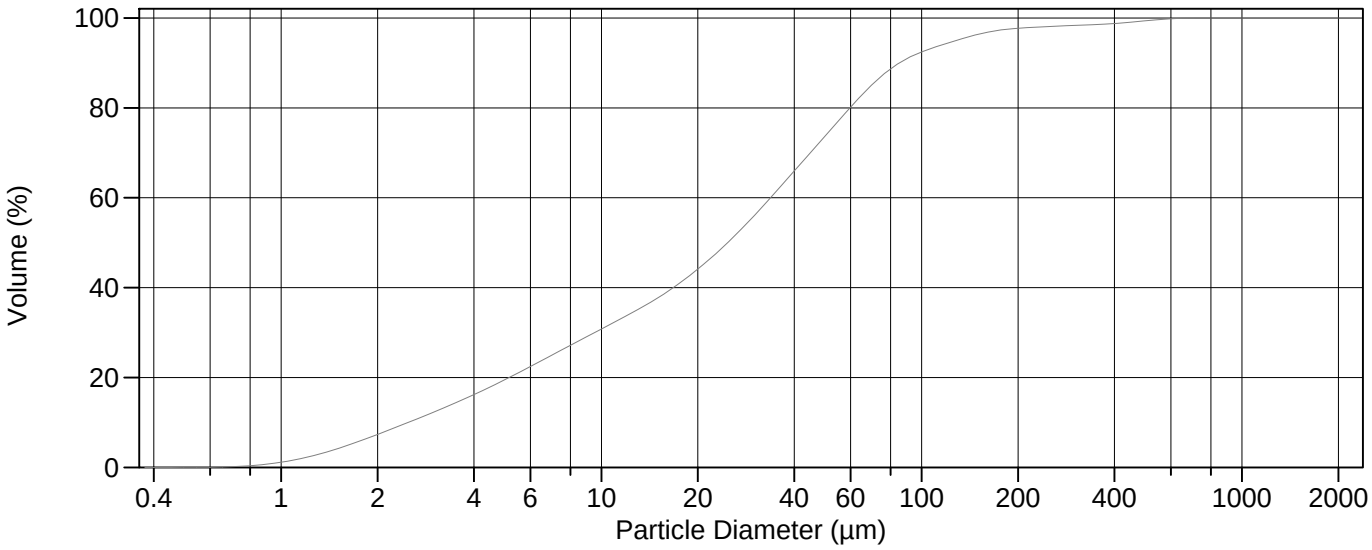

Volume Statistics (Arithmetic) 311.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	42.26 µm	95% Conf. Limits:	0-176.0 µm
Median:	24.78 µm	S.D.:	68.23 µm
D(3,2):	7.471 µm	Variance:	4656 μm^2
Mean/Median Ratio:	1.705	C.V.:	161%
Mode:	55.14 µm	Skewness:	4.989 Right skewed
d_{10}:	2.495 µm	Kurtosis:	31.69 Leptokurtic
d_{50}:	24.78 µm		
d_{90}:	85.14 µm		
Specific Surf. Area	8031 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.495	7.023	24.78	51.83	85.14

311.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.34	500.0	99.4
5.000	19.5	1000	100
10.00	30.8	2000	100
15.00	37.7		
20.00	44.1		
25.00	50.3		
50.00	73.7		
60.00	80.1		
63.00	81.8		
70.00	85.2		
75.00	87.1		
90.00	91.0		
125.0	94.8		
200.0	97.7		
250.0	98.1		
400.0	98.8		

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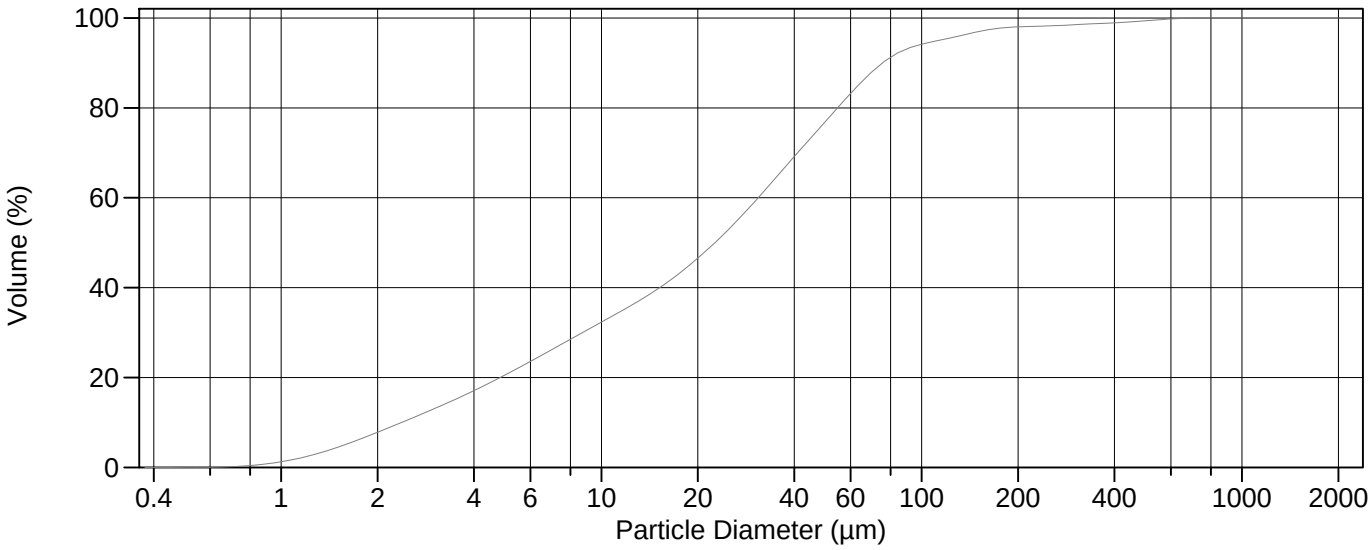

Volume Statistics (Arithmetic) 312#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	38.65 µm	95% Conf. Limits:	0-166.8 µm
Median:	22.61 µm	S.D.:	65.40 µm
D(3,2):	7.097 µm	Variance:	4277 μm^2
Mean/Median Ratio:	1.709	C.V.:	169%
Mode:	34.58 µm	Skewness:	5.529 Right skewed
d_{10}:	2.379 µm	Kurtosis:	38.65 Leptokurtic
d_{50}:	22.61 µm		
d_{90}:	75.44 µm		
Specific Surf. Area	8455 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.379	6.529	22.61	47.32	75.44

312#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.82	500.0	99.4
5.000	20.5	1000	100
10.00	32.3	2000	100
15.00	39.7		
20.00	46.6		
25.00	53.0		
50.00	76.9		
60.00	83.2		
63.00	84.8		
70.00	88.1		
75.00	89.8		
90.00	93.1		
125.0	95.7		
200.0	98.0		
250.0	98.2		
400.0	98.9		

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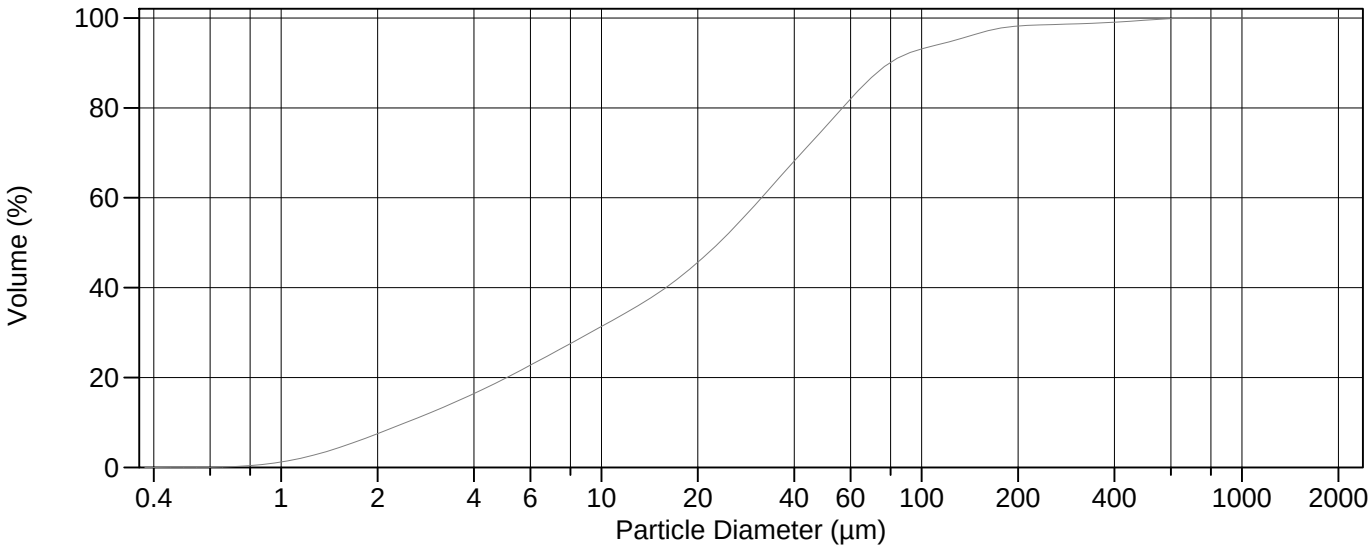

Volume Statistics (Arithmetic) 313.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	39.43 µm	95% Conf. Limits:	0-162.4 µm
Median:	23.31 µm	S.D.:	62.72 µm
D(3,2):	7.307 µm	Variance:	3934 μm^2
Mean/Median Ratio:	1.692	C.V.:	159%
Mode:	34.58 µm	Skewness:	5.242 Right skewed
d_{10}:	2.458 µm	Kurtosis:	36.60 Leptokurtic
d_{50}:	23.31 µm		
d_{90}:	79.62 µm		
Specific Surf. Area	8211 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.458	6.873	23.31	48.98	79.62

313.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.51	500.0	99.5
5.000	19.8	1000	100
10.00	31.3	2000	100
15.00	38.7		
20.00	45.6		
25.00	52.2		
50.00	75.7		
60.00	81.9		
63.00	83.6		
70.00	86.9		
75.00	88.7		
90.00	92.0		
125.0	94.9		
200.0	98.2		
250.0	98.5		
400.0	99.1		

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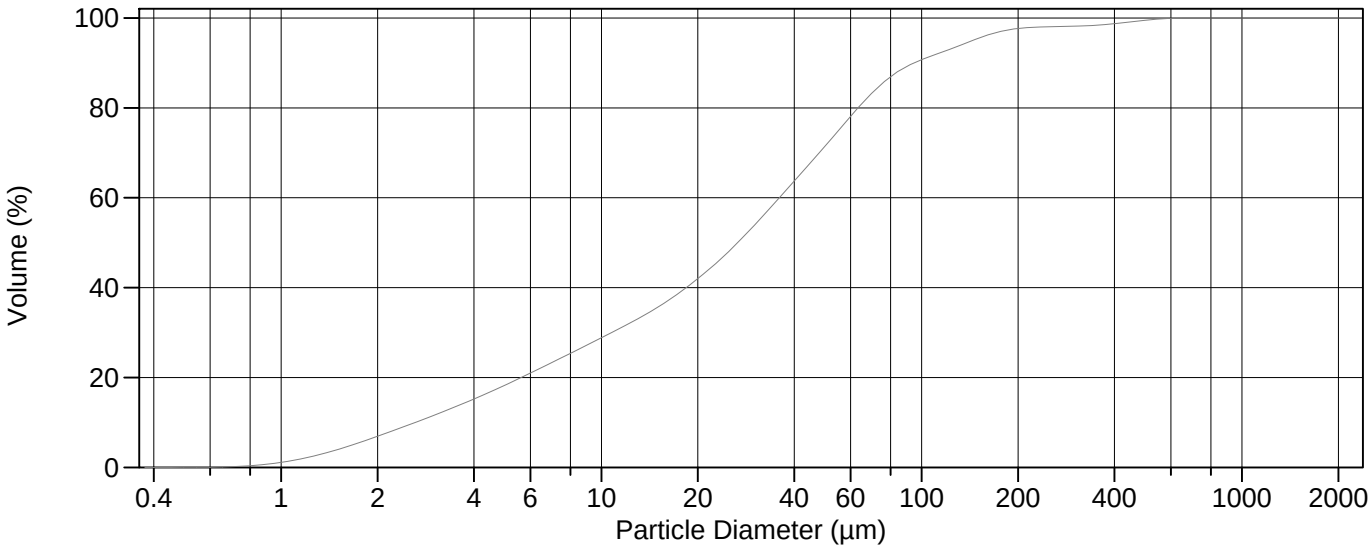

Volume Statistics (Arithmetic) 314.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	45.08 µm	95% Conf. Limits:	0-180.1 µm
Median:	26.62 µm	S.D.:	68.90 µm
D(3,2):	7.855 µm	Variance:	4747 μm^2
Mean/Median Ratio:	1.693	C.V.:	153%
Mode:	55.14 µm	Skewness:	4.461 Right skewed
d_{10}:	2.622 µm	Kurtosis:	25.54 Leptokurtic
d_{50}:	26.62 µm		
d_{90}:	94.65 µm		
Specific Surf. Area	7639 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.622	7.809	26.62	55.12	94.65

314.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.93	500.0	99.5
5.000	18.3	1000	100
10.00	28.8	2000	100
15.00	35.6		
20.00	42.0		
25.00	48.1		
50.00	71.5		
60.00	78.1		
63.00	79.8		
70.00	83.3		
75.00	85.3		
90.00	89.2		
125.0	93.3		
200.0	97.7		
250.0	98.0		
400.0	98.7		

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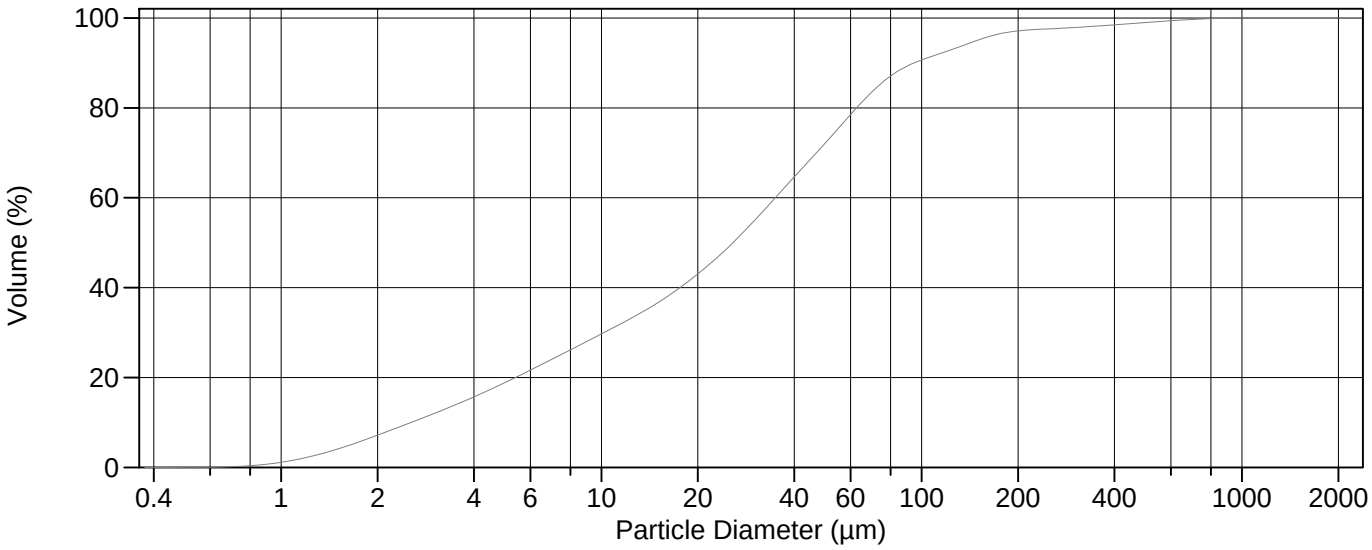


Volume Statistics (Arithmetic) 315.$02

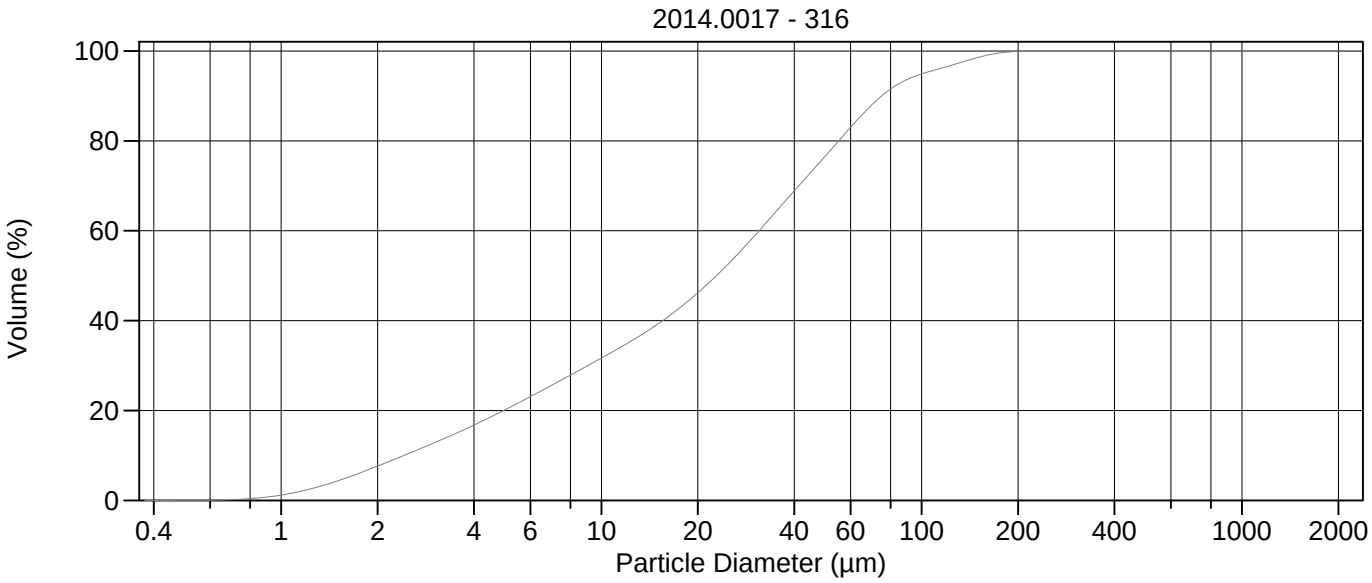
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	47.22 µm	95% Conf. Limits:	0-211.0 µm
Median:	25.75 µm	S.D.:	83.57 µm
D(3,2):	7.666 µm	Variance:	6985 μm^2
Mean/Median Ratio:	1.834	C.V.:	177%
Mode:	55.14 µm	Skewness:	5.369 Right skewed
d_{10}:	2.551 µm	Kurtosis:	36.75 Leptokurtic
d_{50}:	25.75 µm		
d_{90}:	94.67 µm		
Specific Surf. Area	7827 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.551	7.432	25.75	54.31	94.67

315.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.17	500.0	99.0
5.000	18.9	1000	100.0
10.00	29.7	2000	100
15.00	36.6		
20.00	43.0		
25.00	49.1		
50.00	72.1		
60.00	78.5		
63.00	80.2		
70.00	83.6		
75.00	85.5		
90.00	89.3		
125.0	93.0		
200.0	97.1		
250.0	97.6		
400.0	98.5		



Volume Statistics (Arithmetic) 316.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	32.87 µm	95% Conf. Limits:	0-99.36 µm
Median:	22.86 µm	S.D.:	33.92 µm
D(3,2):	7.219 µm	Variance:	1151 μm^2
Mean/Median Ratio:	1.438	C.V.:	103%
Mode:	55.14 µm	Skewness:	1.753 Right skewed
d_{10}:	2.418 µm	Kurtosis:	3.647 Leptokurtic
d_{50}:	22.86 µm		
d_{90}:	74.95 µm		
Specific Surf. Area	8312 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.418	6.740	22.86	47.76	74.95

316.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.63	500.0	100
5.000	20.1	1000	100
10.00	31.7	2000	100
15.00	39.2		
20.00	46.2		
25.00	52.7		
50.00	76.6		
60.00	83.0		
63.00	84.7		
70.00	88.1		
75.00	90.0		
90.00	93.6		
125.0	96.9		
200.0	99.9		
250.0	100.0		
400.0	100		

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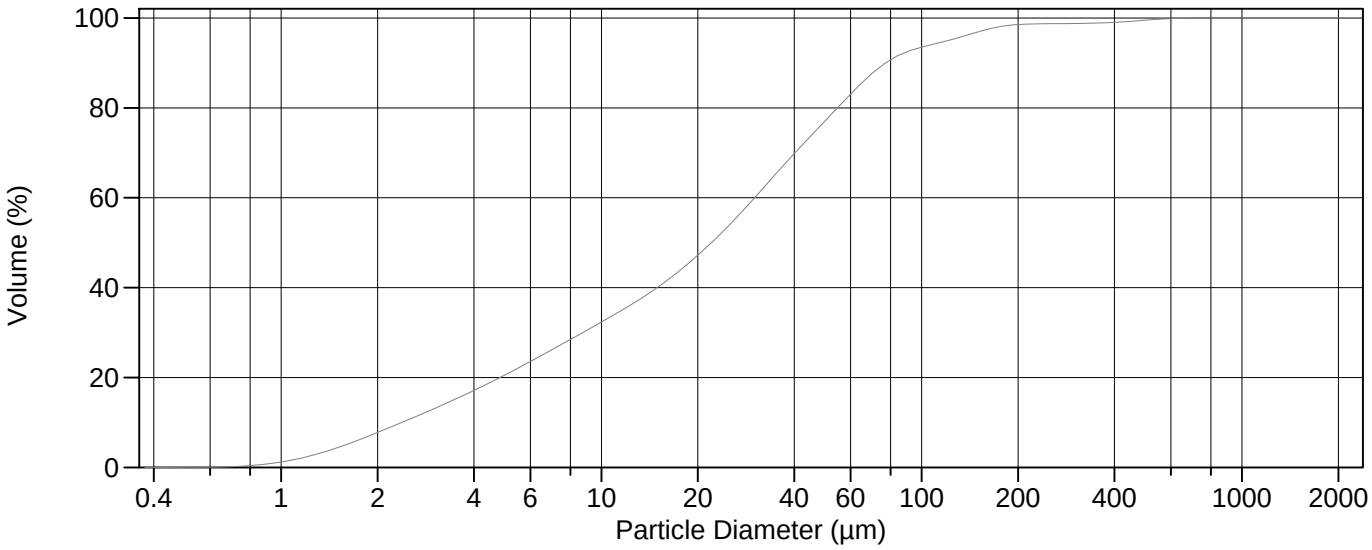

Volume Statistics (Arithmetic) 317.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	37.80 µm	95% Conf. Limits:	0-157.9 µm
Median:	22.06 µm	S.D.:	61.29 µm
D(3,2):	7.106 µm	Variance:	3756 μm^2
Mean/Median Ratio:	1.713	C.V.:	162%
Mode:	31.50 µm	Skewness:	5.494 Right skewed
d_{10}:	2.380 µm	Kurtosis:	39.91 Leptokurtic
d_{50}:	22.06 µm		
d_{90}:	77.09 µm		
Specific Surf. Area	8444 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.380	6.539	22.06	46.84	77.09

317.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.78	500.0	99.5
5.000	20.6	1000	100
10.00	32.3	2000	100
15.00	40.1		
20.00	47.2		
25.00	53.8		
50.00	77.1		
60.00	83.0		
63.00	84.6		
70.00	87.7		
75.00	89.4		
90.00	92.5		
125.0	95.3		
200.0	98.5		
250.0	98.7		
400.0	99.0		

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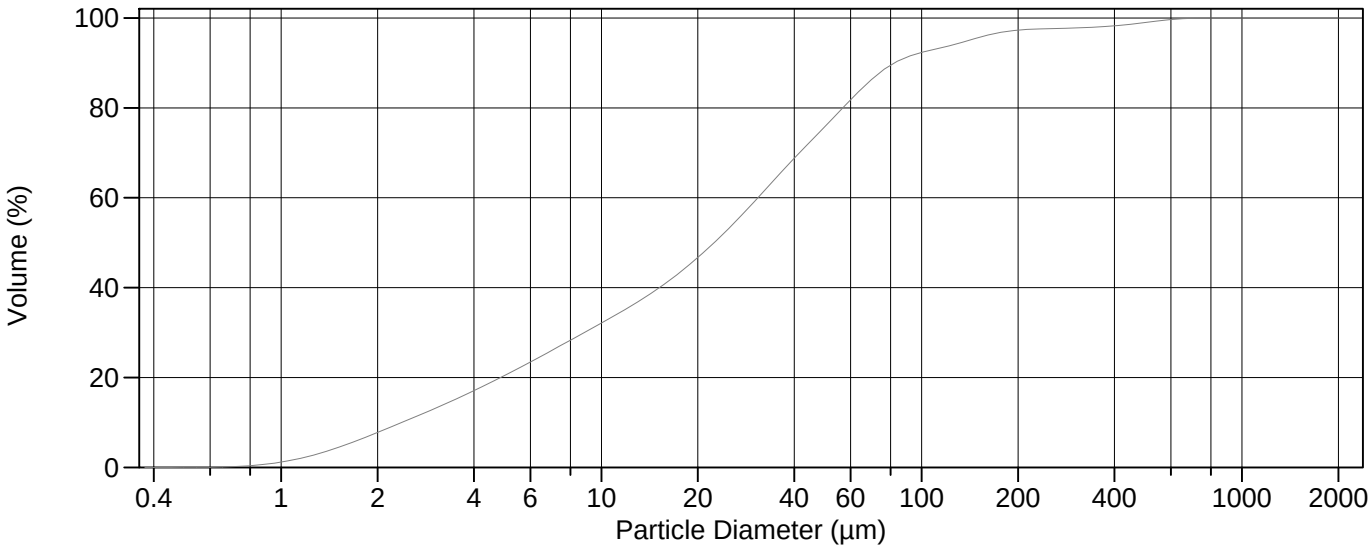

Volume Statistics (Arithmetic) 318.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	43.15 µm	95% Conf. Limits:	0-196.9 µm
Median:	22.48 µm	S.D.:	78.44 µm
D(3,2):	7.152 µm	Variance:	6152 μm^2
Mean/Median Ratio:	1.919	C.V.:	182%
Mode:	31.50 µm	Skewness:	4.983 Right skewed
d_{10}:	2.383 µm	Kurtosis:	29.37 Leptokurtic
d_{50}:	22.48 µm		
d_{90}:	82.31 µm		
Specific Surf. Area	8389 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.383	6.587	22.48	48.58	82.31

318.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.78	500.0	99.0
5.000	20.5	1000	100
10.00	32.1	2000	100
15.00	39.7		
20.00	46.7		
25.00	53.2		
50.00	75.9		
60.00	81.8		
63.00	83.3		
70.00	86.4		
75.00	88.1		
90.00	91.3		
125.0	94.0		
200.0	97.3		
250.0	97.6		
400.0	98.3		

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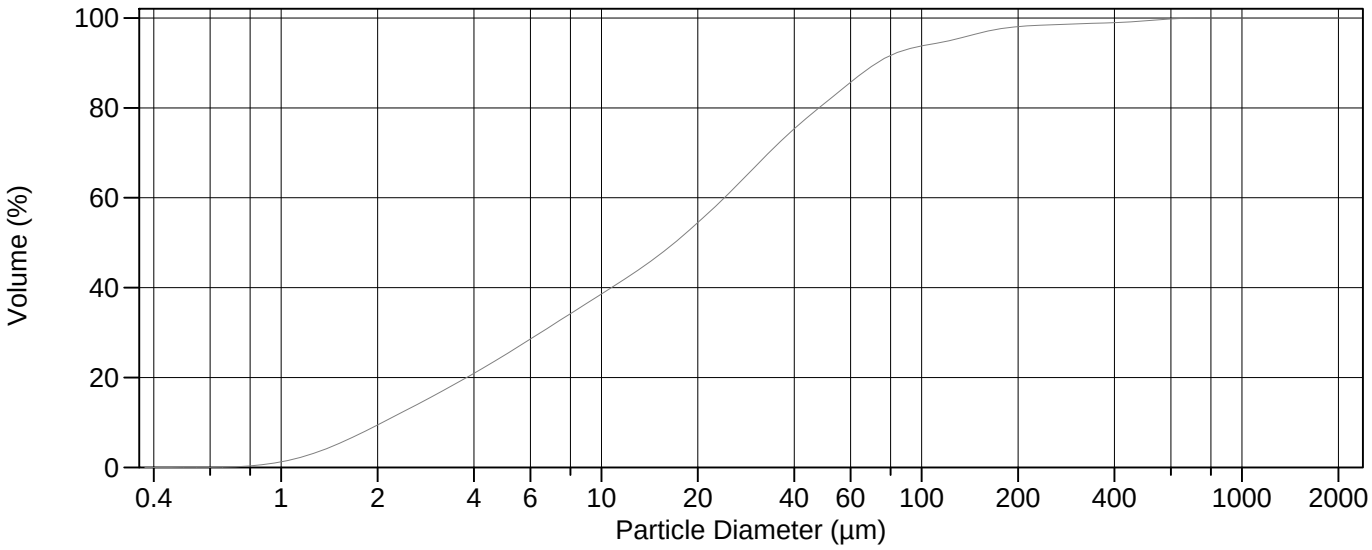

Volume Statistics (Arithmetic) 319#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	35.00 µm	95% Conf. Limits:	0-162.7 µm
Median:	16.94 µm	S.D.:	65.15 µm
D(3,2):	6.136 µm	Variance:	4245 μm^2
Mean/Median Ratio:	2.066	C.V.:	186%
Mode:	28.69 µm	Skewness:	5.605 Right skewed
d_{10}:	2.074 µm	Kurtosis:	39.78 Leptokurtic
d_{50}:	16.94 µm		
d_{90}:	72.56 µm		
Specific Surf. Area	9778 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.074	4.993	16.94	39.47	72.56

319#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.44	500.0	99.4
5.000	25.0	1000	100
10.00	38.6	2000	100
15.00	47.0		
20.00	54.4		
25.00	61.0		
50.00	81.1		
60.00	85.7		
63.00	86.9		
70.00	89.3		
75.00	90.6		
90.00	93.0		
125.0	95.1		
200.0	98.1		
250.0	98.5		
400.0	99.0		

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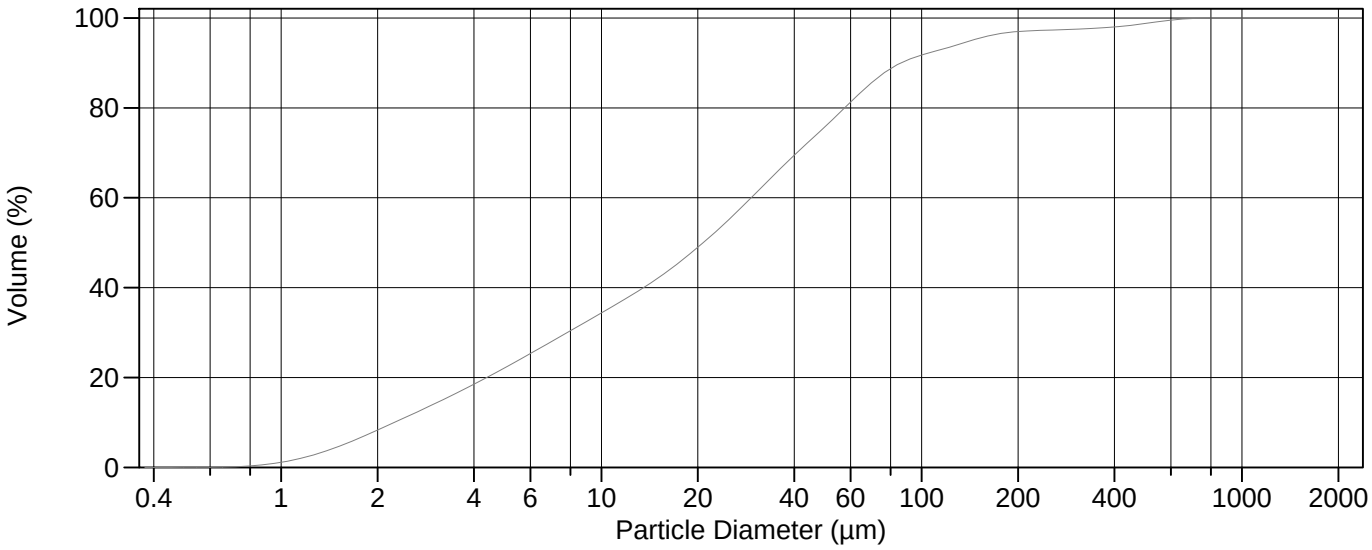

Volume Statistics (Arithmetic) 320.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	44.07 µm	95% Conf. Limits:	0-208.1 µm
Median:	20.79 µm	S.D.:	83.67 µm
D(3,2):	6.815 µm	Variance:	7001 μm^2
Mean/Median Ratio:	2.120	C.V.:	190%
Mode:	31.50 µm	Skewness:	4.850 Right skewed
d_{10}:	2.258 µm	Kurtosis:	27.25 Leptokurtic
d_{50}:	20.79 µm		
d_{90}:	86.24 µm		
Specific Surf. Area	8805 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.258	5.897	20.79	48.52	86.24

320.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.31	500.0	98.8
5.000	22.2	1000	100
10.00	34.4	2000	100
15.00	42.1		
20.00	49.0		
25.00	55.1		
50.00	75.9		
60.00	81.3		
63.00	82.7		
70.00	85.7		
75.00	87.4		
90.00	90.6		
125.0	93.7		
200.0	97.0		
250.0	97.3		
400.0	98.0		

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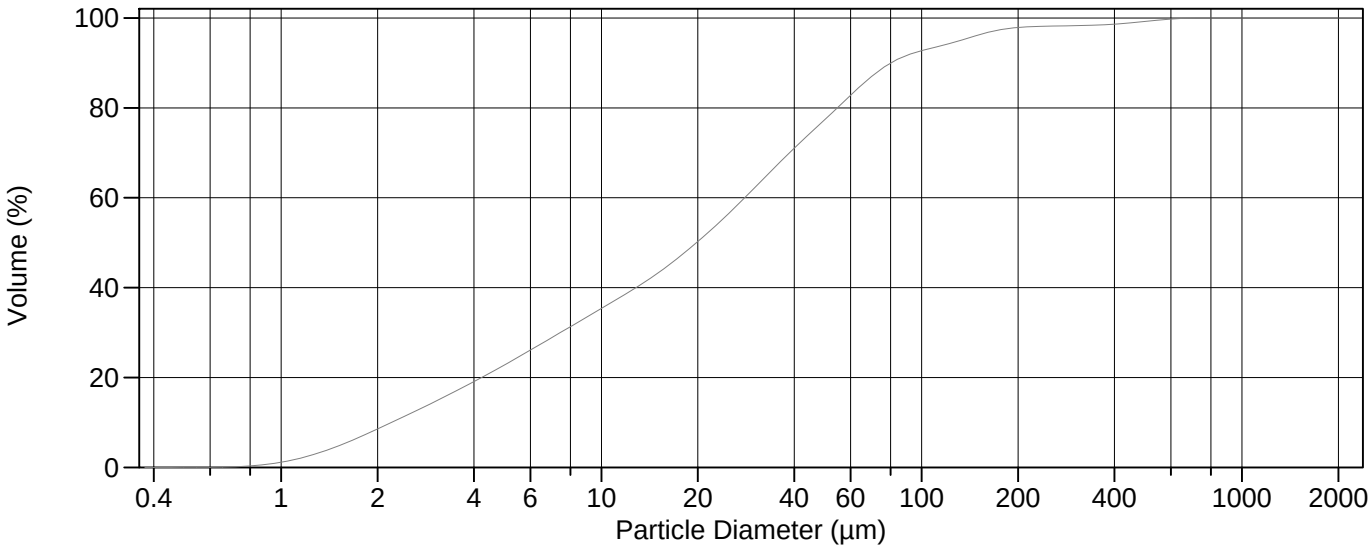

Volume Statistics (Arithmetic) 321.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	39.34 µm	95% Conf. Limits:	0-177.9 µm
Median:	19.82 µm	S.D.:	70.68 µm
D(3,2):	6.636 µm	Variance:	4995 μm^2
Mean/Median Ratio:	1.985	C.V.:	180%
Mode:	31.50 µm	Skewness:	5.201 Right skewed
d_{10}:	2.209 µm	Kurtosis:	33.33 Leptokurtic
d_{50}:	19.82 µm		
d_{90}:	80.24 µm		
Specific Surf. Area	9042 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.209	5.646	19.82	45.90	80.24

321.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.56	500.0	99.2
5.000	22.8	1000	100
10.00	35.4	2000	100
15.00	43.2		
20.00	50.2		
25.00	56.5		
50.00	77.4		
60.00	82.8		
63.00	84.2		
70.00	87.1		
75.00	88.7		
90.00	91.7		
125.0	94.5		
200.0	97.9		
250.0	98.2		
400.0	98.6		

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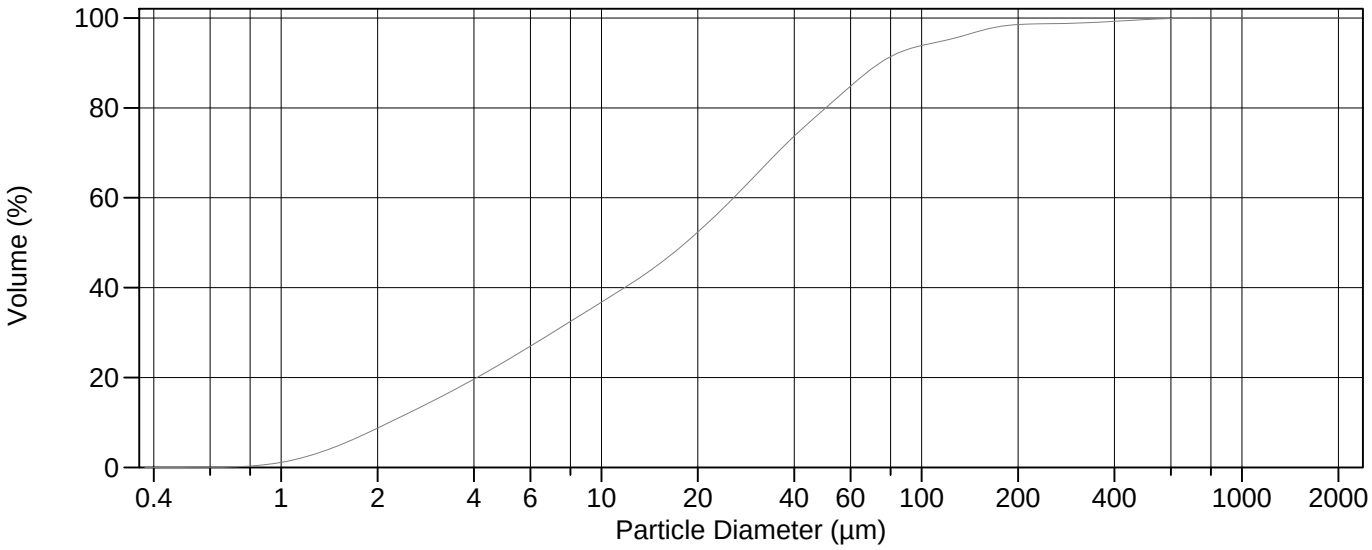

Volume Statistics (Arithmetic) 322.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	34.62 µm	95% Conf. Limits:	0-148.2 µm
Median:	18.34 µm	S.D.:	57.96 µm
D(3,2):	6.465 µm	Variance:	3360 μm^2
Mean/Median Ratio:	1.888	C.V.:	167%
Mode:	31.50 µm	Skewness:	5.417 Right skewed
d_{10}:	2.176 µm	Kurtosis:	39.92 Leptokurtic
d_{50}:	18.34 µm		
d_{90}:	74.19 µm		
Specific Surf. Area	9281 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.176	5.403	18.34	41.87	74.19

322.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.74	500.0	99.7
5.000	23.6	1000	100
10.00	36.8	2000	100
15.00	45.0		
20.00	52.4		
25.00	58.9		
50.00	79.9		
60.00	84.8		
63.00	86.1		
70.00	88.8		
75.00	90.2		
90.00	93.0		
125.0	95.4		
200.0	98.6		
250.0	98.7		
400.0	99.3		

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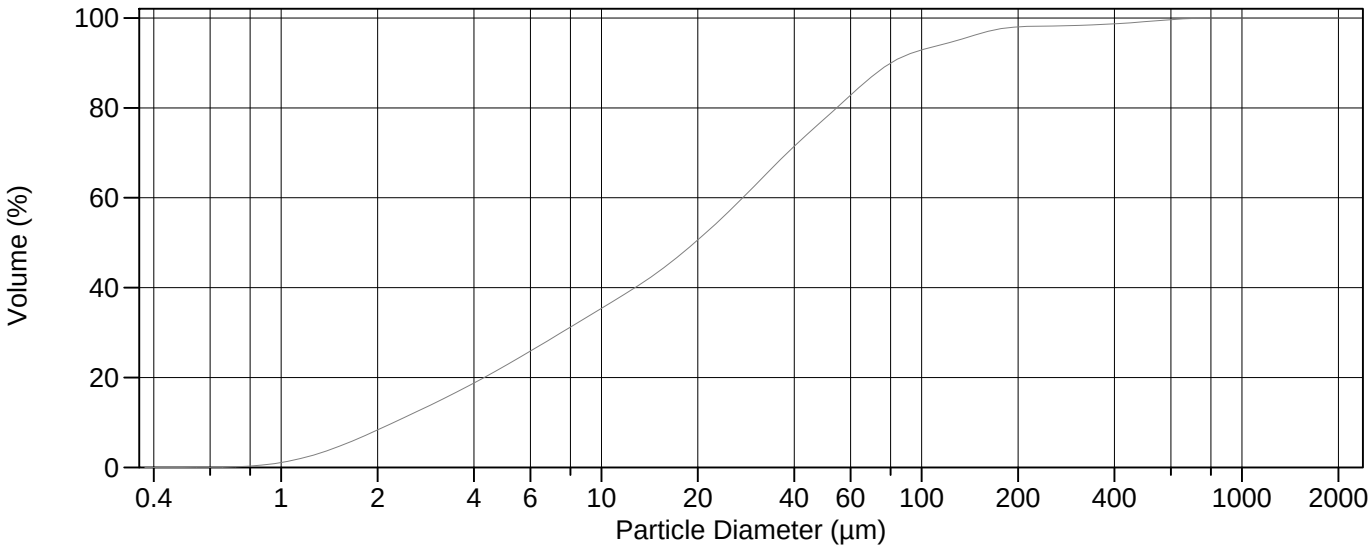

Volume Statistics (Arithmetic) 323.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	39.12 µm	95% Conf. Limits:	0-180.4 µm
Median:	19.56 µm	S.D.:	72.09 µm
D(3,2):	6.710 µm	Variance:	5197 μm^2
Mean/Median Ratio:	2.000	C.V.:	184%
Mode:	31.50 µm	Skewness:	5.572 Right skewed
d_{10}:	2.247 µm	Kurtosis:	38.73 Leptokurtic
d_{50}:	19.56 µm		
d_{90}:	80.33 µm		
Specific Surf. Area	8942 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.247	5.723	19.56	45.36	80.33

323.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.34	500.0	99.2
5.000	22.6	1000	100.0
10.00	35.4	2000	100
15.00	43.4		
20.00	50.6		
25.00	57.0		
50.00	77.7		
60.00	82.8		
63.00	84.2		
70.00	87.0		
75.00	88.6		
90.00	91.8		
125.0	94.7		
200.0	98.0		
250.0	98.2		
400.0	98.7		

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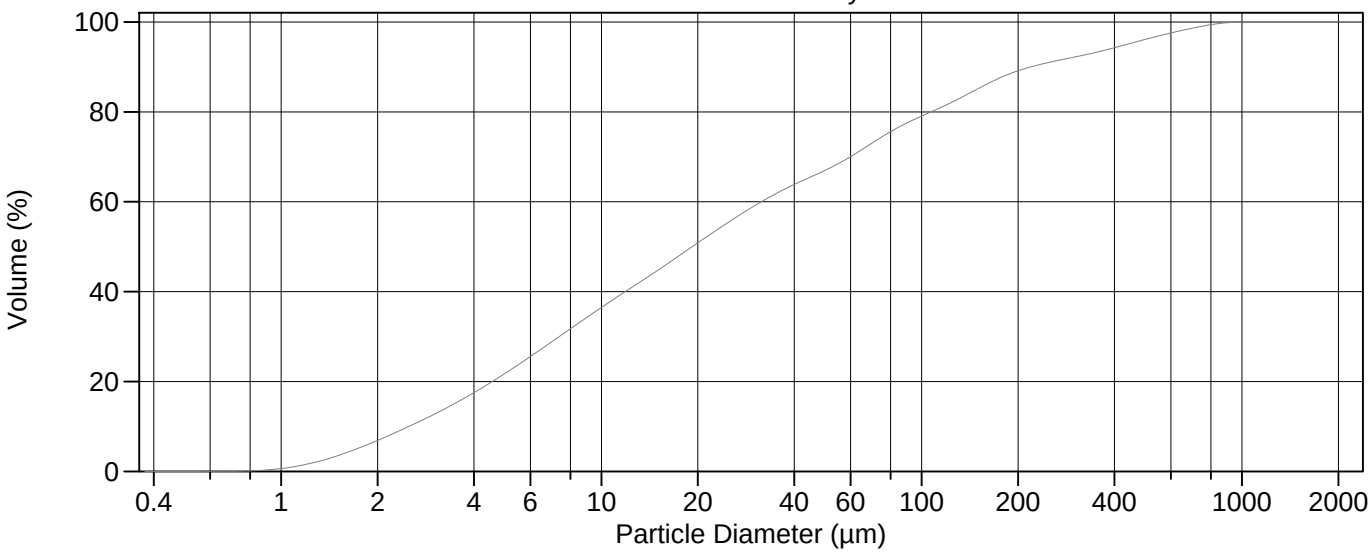

Volume Statistics (Arithmetic) 324.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	80.51 µm	95% Conf. Limits:	0-372.7 µm
Median:	19.21 µm	S.D.:	149.1 µm
D(3,2):	7.328 µm	Variance:	22226 μm^2
Mean/Median Ratio:	4.191	C.V.:	185%
Mode:	7.776 µm	Skewness:	3.022 Right skewed
d_{10}:	2.508 µm	Kurtosis:	9.655 Leptokurtic
d_{50}:	19.21 µm		
d_{90}:	219.0 µm		
Specific Surf. Area	8187 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.508	5.851	19.21	77.37	219.0

324.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.89	500.0	96.1
5.000	21.8	1000	100.0
10.00	36.5	2000	100
15.00	44.7		
20.00	50.9		
25.00	55.5		
50.00	67.0		
60.00	70.0		
63.00	71.0		
70.00	73.1		
75.00	74.4		
90.00	77.6		
125.0	82.2		
200.0	89.1		
250.0	91.0		
400.0	94.3		

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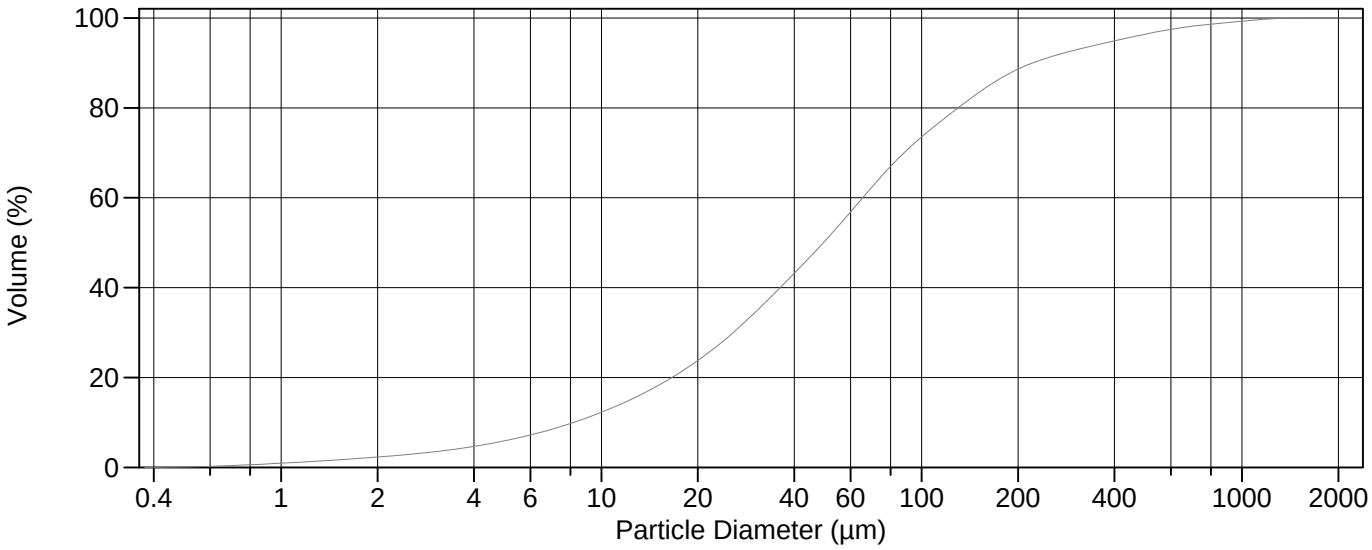

Volume Statistics (Arithmetic) 325.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	100.7 µm	95% Conf. Limits:	0-417.2 µm
Median:	49.34 µm	S.D.:	161.5 µm
D(3,2):	15.51 µm	Variance:	26074 μm^2
Mean/Median Ratio:	2.041	C.V.:	160%
Mode:	66.44 µm	Skewness:	3.859 Right skewed
d_{10}:	8.181 µm	Kurtosis:	18.33 Leptokurtic
d_{50}:	49.34 µm		
d_{90}:	222.4 µm		
Specific Surf. Area	3869 cm^2/ml		

% <	10	25	50	75	90
Size µm	8.181	21.12	49.34	105.9	222.4

325.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	2.31	500.0	96.4
5.000	5.93	1000	99.3
10.00	12.3	2000	100
15.00	18.2		
20.00	23.8		
25.00	29.2		
50.00	50.4		
60.00	56.8		
63.00	58.6		
70.00	62.4		
75.00	64.8		
90.00	70.6		
125.0	79.1		
200.0	88.6		
250.0	91.3		
400.0	94.9		

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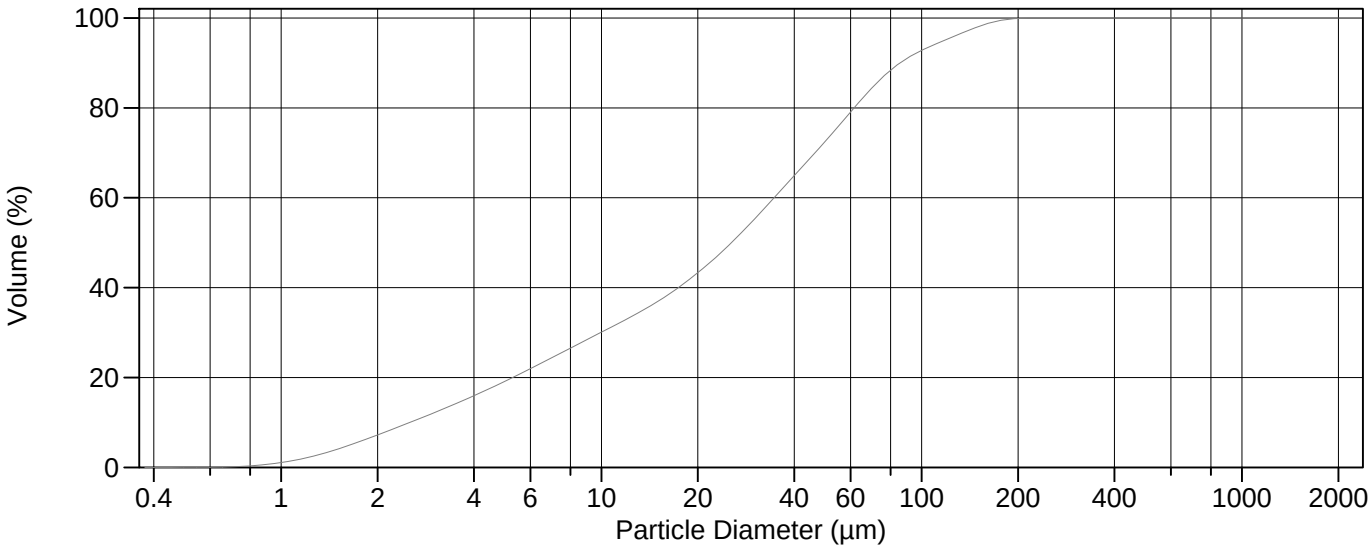

Volume Statistics (Arithmetic) 326.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	36.64 µm	95% Conf. Limits:	0-109.7 µm
Median:	25.47 µm	S.D.:	37.29 µm
D(3,2):	7.604 µm	Variance:	1391 μm^2
Mean/Median Ratio:	1.439	C.V.:	102%
Mode:	60.52 µm	Skewness:	1.569 Right skewed
d_{10}:	2.522 µm	Kurtosis:	2.545 Leptokurtic
d_{50}:	25.47 µm		
d_{90}:	85.61 µm		
Specific Surf. Area	7891 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.522	7.265	25.47	53.61	85.61

326.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.23	500.0	100
5.000	19.2	1000	100
10.00	30.1	2000	100
15.00	36.9		
20.00	43.3		
25.00	49.5		
50.00	72.5		
60.00	79.0		
63.00	80.8		
70.00	84.5		
75.00	86.6		
90.00	91.0		
125.0	95.8		
200.0	99.9		
250.0	100.0		
400.0	100		

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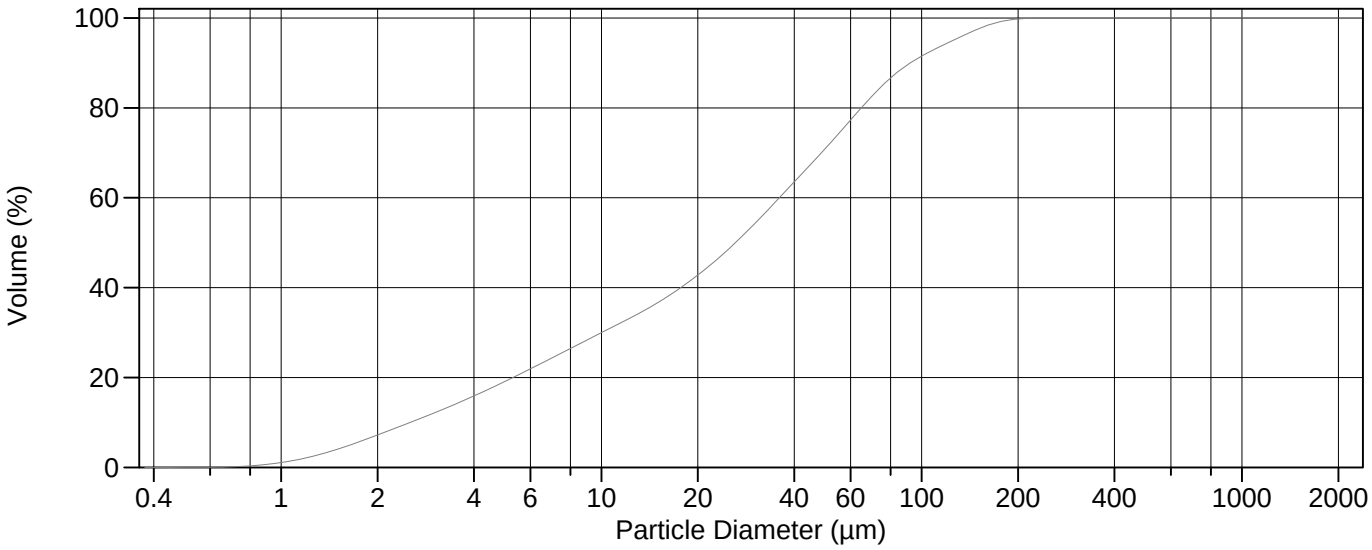

Volume Statistics (Arithmetic) 327.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	38.44 µm	95% Conf. Limits:	0-115.9 µm
Median:	26.21 µm	S.D.:	39.54 µm
D(3,2):	7.653 µm	Variance:	1564 μm^2
Mean/Median Ratio:	1.467	C.V.:	103%
Mode:	60.52 µm	Skewness:	1.543 Right skewed
d_{10}:	2.528 µm	Kurtosis:	2.348 Leptokurtic
d_{50}:	26.21 µm		
d_{90}:	91.96 µm		
Specific Surf. Area	7840 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.528	7.297	26.21	56.28	91.96

327.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.22	500.0	100
5.000	19.1	1000	100
10.00	30.0	2000	100
15.00	36.7		
20.00	42.8		
25.00	48.6		
50.00	70.9		
60.00	77.3		
63.00	79.0		
70.00	82.6		
75.00	84.8		
90.00	89.5		
125.0	95.0		
200.0	99.8		
250.0	100.0		
400.0	100		

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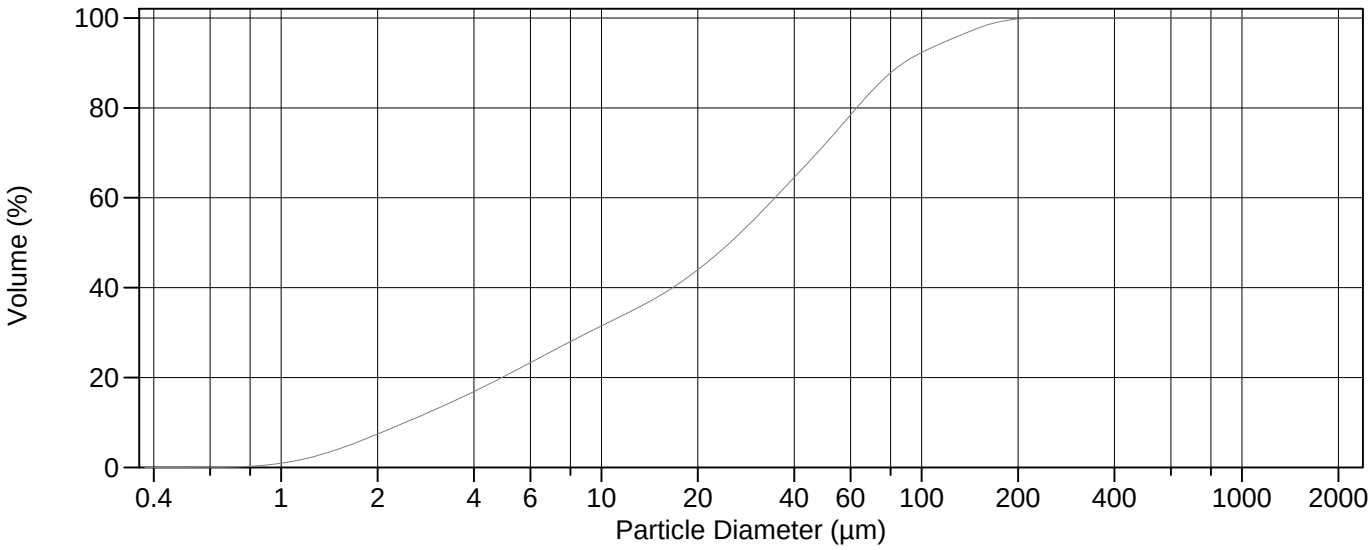

Volume Statistics (Arithmetic) 328.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	37.09 µm	95% Conf. Limits:	0-112.8 µm
Median:	25.21 µm	S.D.:	38.65 µm
D(3,2):	7.448 µm	Variance:	1494 μm^2
Mean/Median Ratio:	1.471	C.V.:	104%
Mode:	60.52 µm	Skewness:	1.606 Right skewed
d_{10}:	2.441 µm	Kurtosis:	2.712 Leptokurtic
d_{50}:	25.21 µm		
d_{90}:	87.93 µm		
Specific Surf. Area	8056 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.441	6.655	25.21	54.55	87.93

328.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.42	500.0	100
5.000	20.3	1000	100
10.00	31.5	2000	100
15.00	37.9		
20.00	44.0		
25.00	49.8		
50.00	72.0		
60.00	78.4		
63.00	80.2		
70.00	83.9		
75.00	86.0		
90.00	90.5		
125.0	95.4		
200.0	99.8		
250.0	100.0		
400.0	100		

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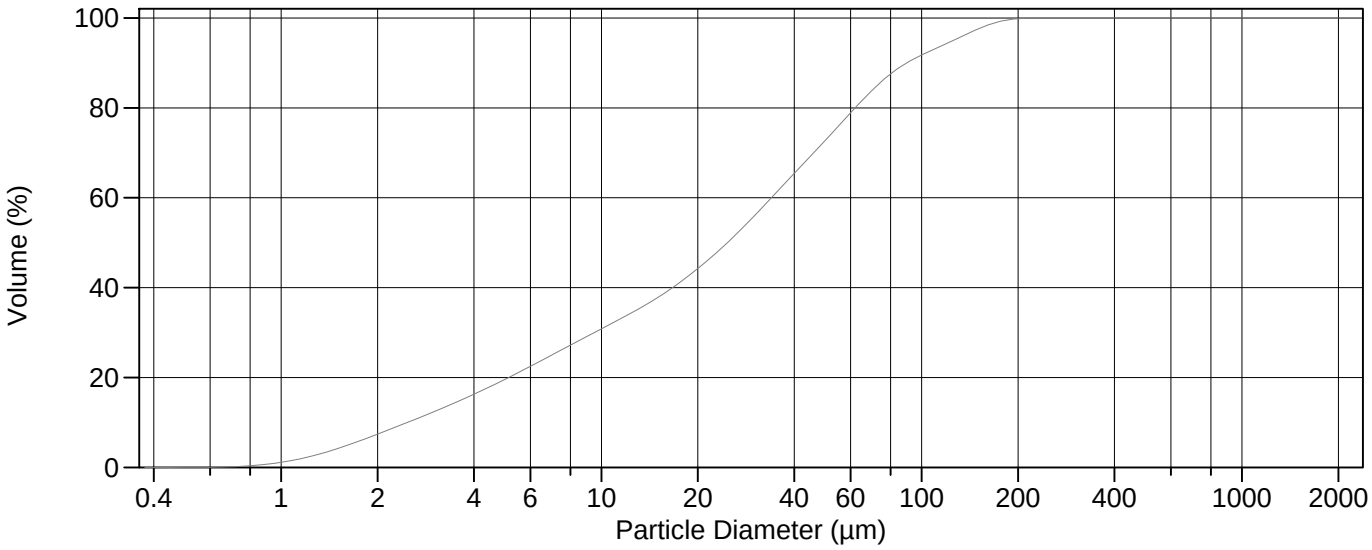

Volume Statistics (Arithmetic) 329.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	37.16 µm	95% Conf. Limits:	0-113.8 µm
Median:	24.73 µm	S.D.:	39.12 µm
D(3,2):	7.460 µm	Variance:	1530 μm^2
Mean/Median Ratio:	1.502	C.V.:	105%
Mode:	55.14 µm	Skewness:	1.614 Right skewed
d_{10}:	2.478 µm	Kurtosis:	2.531 Leptokurtic
d_{50}:	24.73 µm		
d_{90}:	89.88 µm		
Specific Surf. Area	8043 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.478	7.008	24.73	53.48	89.88

329.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.40	500.0	100
5.000	19.6	1000	100
10.00	30.8	2000	100
15.00	37.8		
20.00	44.2		
25.00	50.3		
50.00	72.7		
60.00	78.9		
63.00	80.5		
70.00	83.9		
75.00	85.9		
90.00	90.0		
125.0	94.9		
200.0	99.8		
250.0	100.0		
400.0	100		

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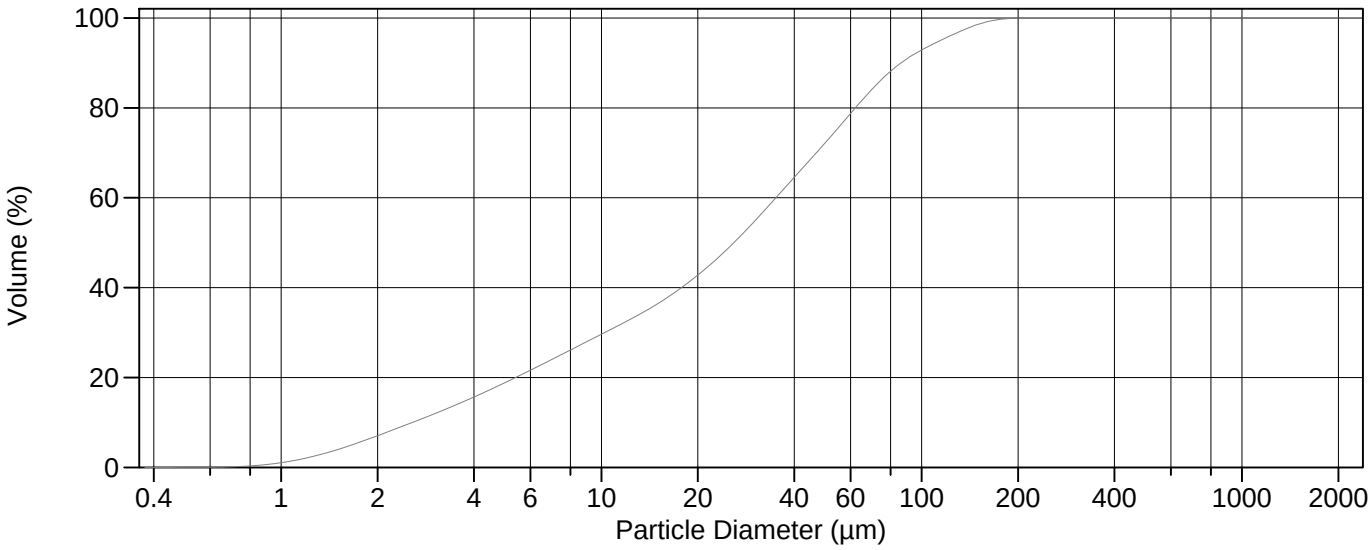

Volume Statistics (Arithmetic) 330.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	36.59 µm	95% Conf. Limits:	0-107.6 µm
Median:	25.92 µm	S.D.:	36.23 µm
D(3,2):	7.719 µm	Variance:	1312 µm^2
Mean/Median Ratio:	1.412	C.V.:	99.0%
Mode:	60.52 µm	Skewness:	1.435 Right skewed
d_{10}:	2.569 µm	Kurtosis:	1.940 Leptokurtic
d_{50}:	25.92 µm		
d_{90}:	86.20 µm		
Specific Surf. Area	7773 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.569	7.447	25.92	54.12	86.20

330.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.06	500.0	100
5.000	18.8	1000	100
10.00	29.6	2000	100
15.00	36.4		
20.00	42.8		
25.00	48.9		
50.00	72.2		
60.00	78.7		
63.00	80.5		
70.00	84.2		
75.00	86.3		
90.00	90.9		
125.0	96.3		
200.0	100.0		
250.0	100		
400.0	100		

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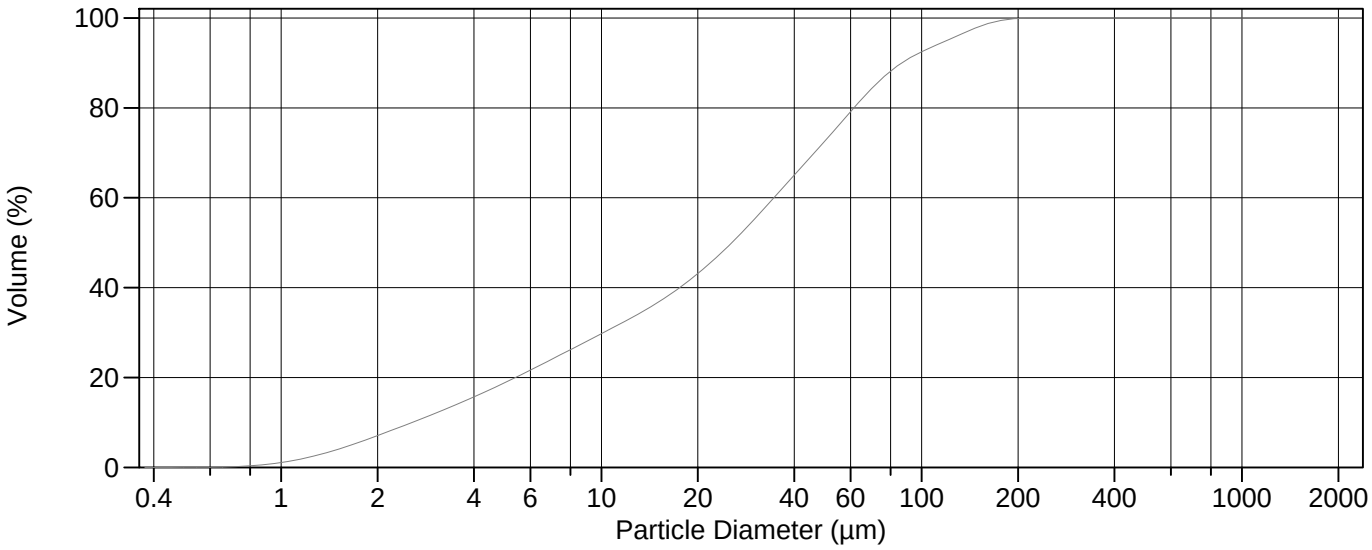

Volume Statistics (Arithmetic) 331.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	36.86 µm	95% Conf. Limits:	0-110.7 µm
Median:	25.54 µm	S.D.:	37.65 µm
D(3,2):	7.683 µm	Variance:	1417 µm^2
Mean/Median Ratio:	1.443	C.V.:	102%
Mode:	55.14 µm	Skewness:	1.580 Right skewed
d_{10}:	2.565 µm	Kurtosis:	2.529 Leptokurtic
d_{50}:	25.54 µm		
d_{90}:	86.80 µm		
Specific Surf. Area	7809 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.565	7.420	25.54	53.41	86.80

331.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.08	500.0	100
5.000	18.9	1000	100
10.00	29.8	2000	100
15.00	36.7		
20.00	43.1		
25.00	49.4		
50.00	72.7		
60.00	79.1		
63.00	80.9		
70.00	84.4		
75.00	86.5		
90.00	90.7		
125.0	95.6		
200.0	99.9		
250.0	100.0		
400.0	100		

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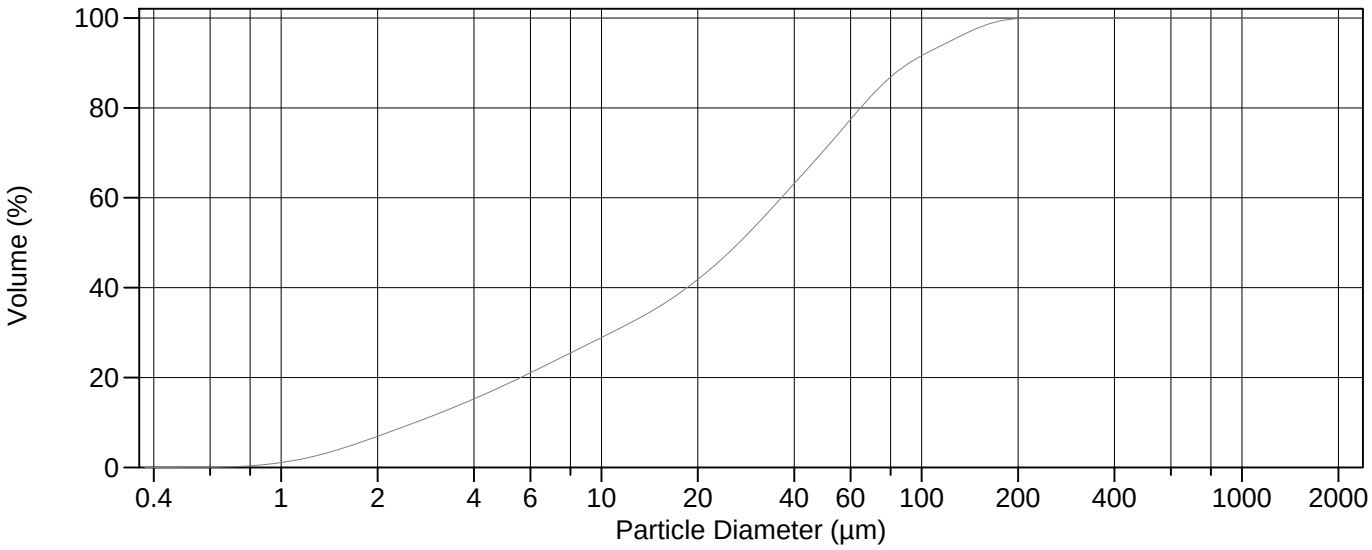

Volume Statistics (Arithmetic) 332.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	38.51 µm	95% Conf. Limits:	0-114.5 µm
Median:	26.90 µm	S.D.:	38.77 µm
D(3,2):	7.873 µm	Variance:	1503 μm^2
Mean/Median Ratio:	1.432	C.V.:	101%
Mode:	60.52 µm	Skewness:	1.493 Right skewed
d_{10}:	2.621 µm	Kurtosis:	2.123 Leptokurtic
d_{50}:	26.90 µm		
d_{90}:	91.45 µm		
Specific Surf. Area	7621 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.621	7.776	26.90	56.15	91.45

332.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.91	500.0	100
5.000	18.3	1000	100
10.00	28.9	2000	100
15.00	35.6		
20.00	41.8		
25.00	47.8		
50.00	70.8		
60.00	77.4		
63.00	79.2		
70.00	82.9		
75.00	85.0		
90.00	89.6		
125.0	95.1		
200.0	99.9		
250.0	100.0		
400.0	100		

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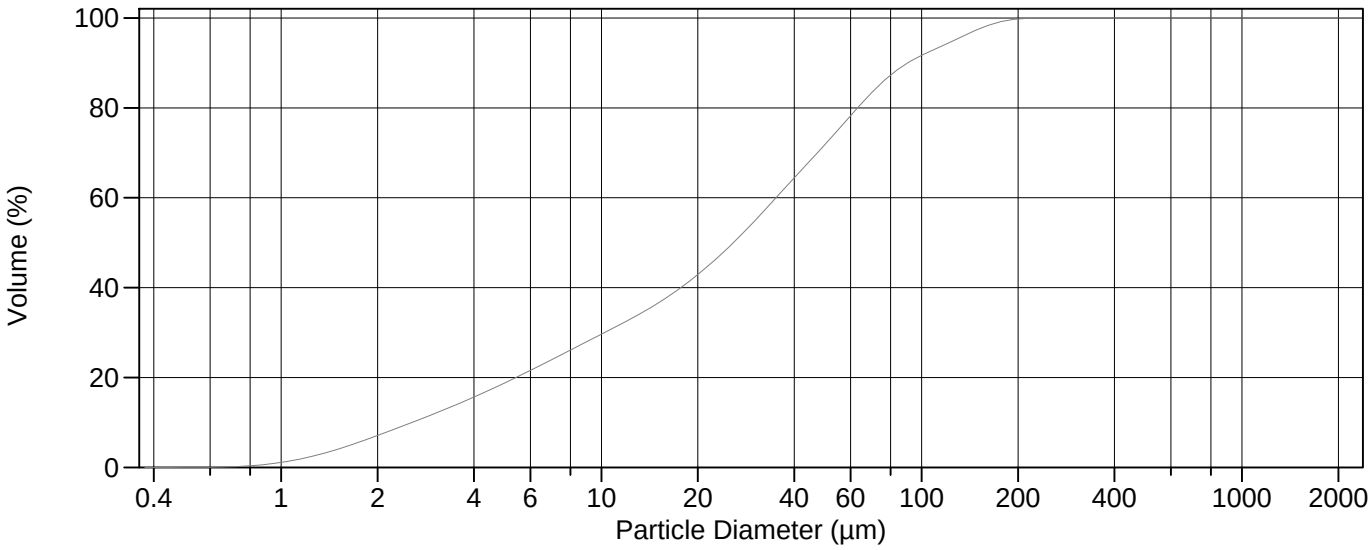


Volume Statistics (Arithmetic) 333.$02

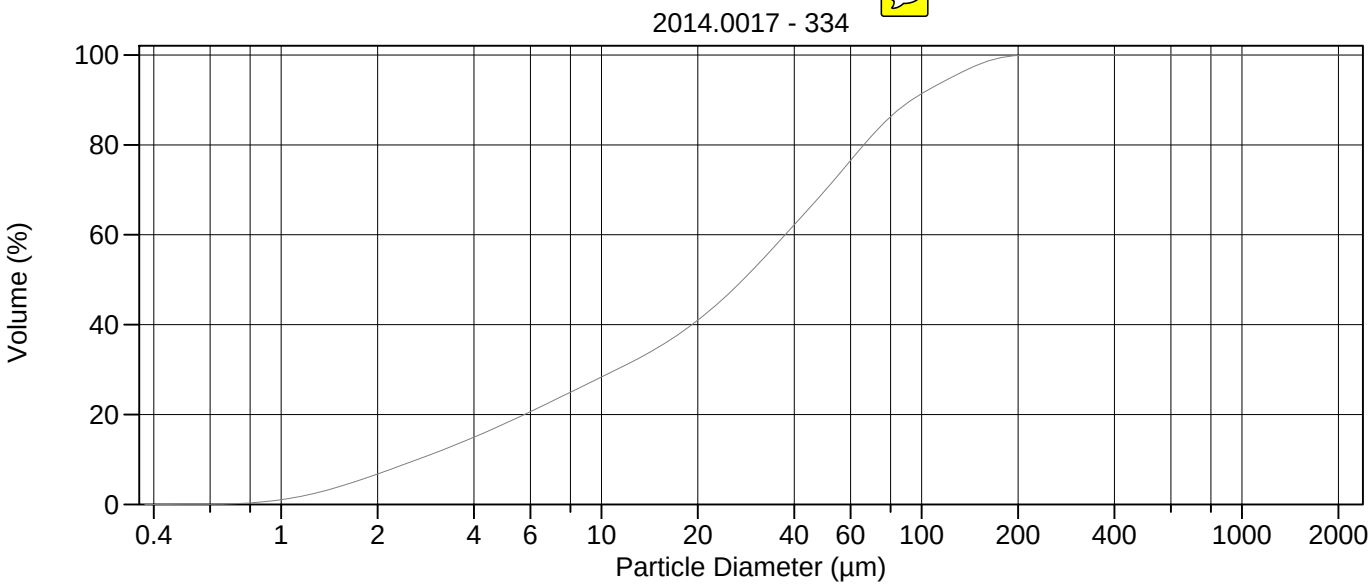
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	37.96 µm	95% Conf. Limits:	0-115.1 µm
Median:	25.83 µm	S.D.:	39.34 µm
D(3,2):	7.692 µm	Variance:	1548 μm^2
Mean/Median Ratio:	1.469	C.V.:	104%
Mode:	60.52 µm	Skewness:	1.605 Right skewed
d_{10}:	2.562 µm	Kurtosis:	2.574 Leptokurtic
d_{50}:	25.83 µm		
d_{90}:	90.49 µm		
Specific Surf. Area	7801 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.562	7.460	25.83	54.71	90.49

333.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.12	500.0	100
5.000	18.8	1000	100
10.00	29.6	2000	100
15.00	36.5		
20.00	42.9		
25.00	49.0		
50.00	71.9		
60.00	78.2		
63.00	80.0		
70.00	83.5		
75.00	85.6		
90.00	89.9		
125.0	94.9		
200.0	99.8		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 334.$02

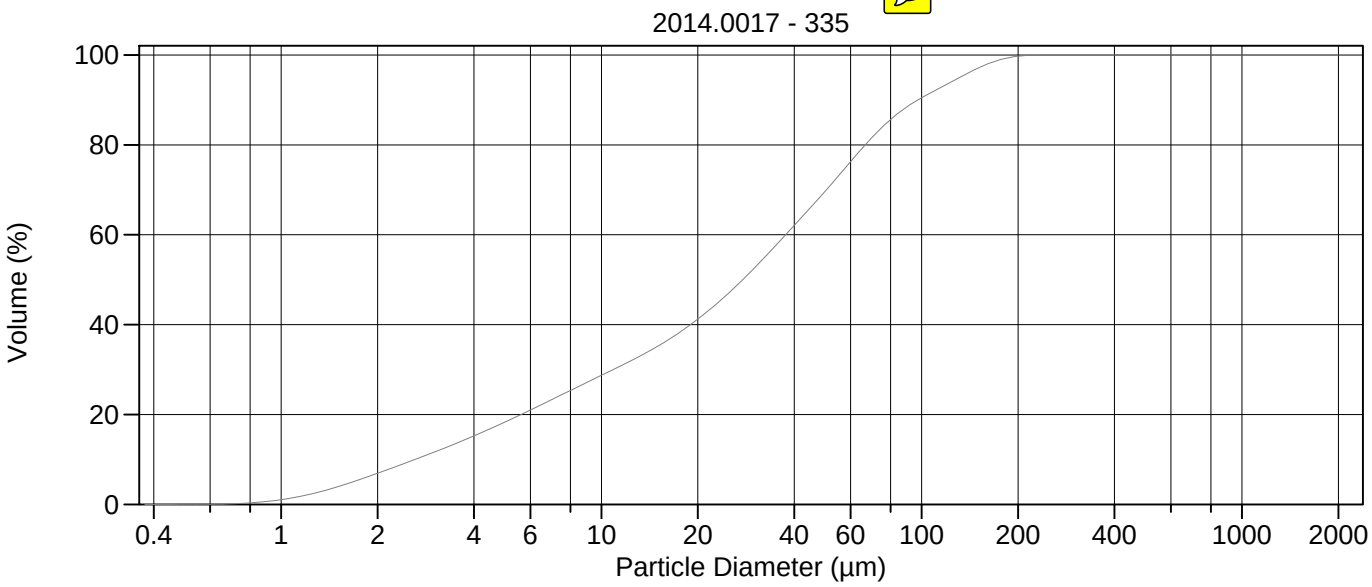
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	39.22 µm	95% Conf. Limits:	0-115.5 µm
Median:	27.68 µm	S.D.:	38.91 µm
D(3,2):	8.011 µm	Variance:	1514 μm^2
Mean/Median Ratio:	1.417	C.V.:	99.2%
Mode:	60.52 µm	Skewness:	1.438 Right skewed
d_{10}:	2.665 µm	Kurtosis:	1.926 Leptokurtic
d_{50}:	27.68 µm		
d_{90}:	93.02 µm		
Specific Surf. Area	7490 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.665	8.026	27.68	57.57	93.02

334.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.78	500.0	100
5.000	18.0	1000	100
10.00	28.3	2000	100
15.00	34.9		
20.00	41.0		
25.00	46.9		
50.00	69.9		
60.00	76.5		
63.00	78.3		
70.00	82.1		
75.00	84.4		
90.00	89.3		
125.0	95.1		
200.0	99.9		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 335.$02

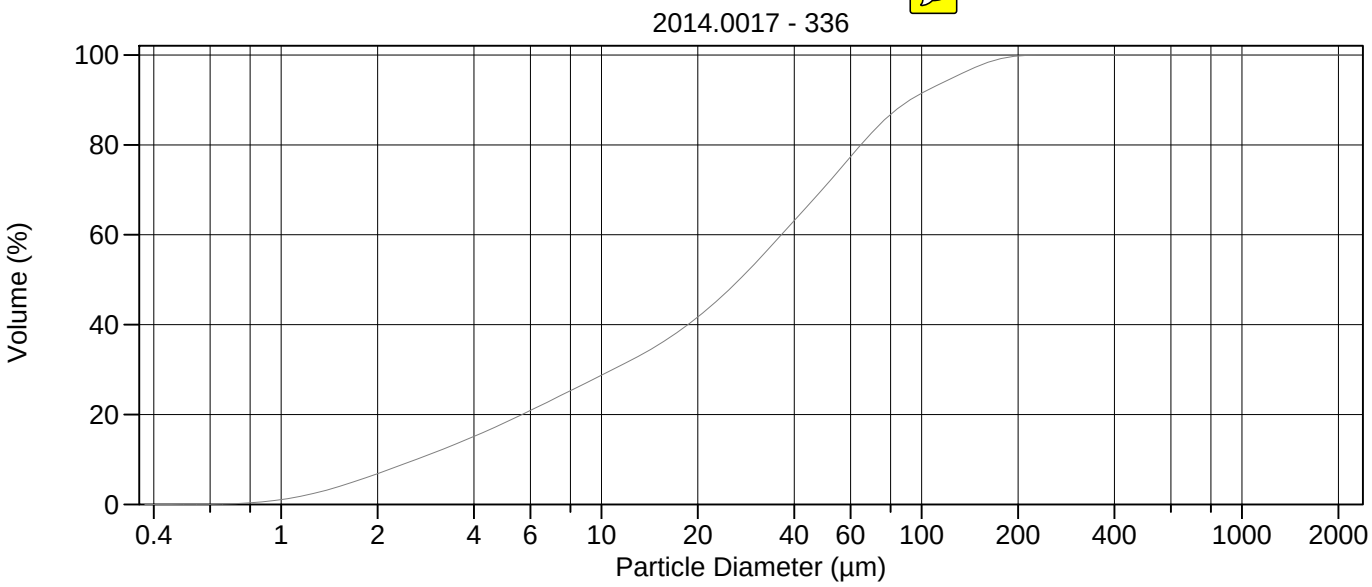
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	40.14 µm	95% Conf. Limits:	0-120.5 µm
Median:	27.63 µm	S.D.:	41.02 µm
D(3,2):	7.918 µm	Variance:	1683 μm^2
Mean/Median Ratio:	1.453	C.V.:	102%
Mode:	60.52 µm	Skewness:	1.520 Right skewed
d_{10}:	2.619 µm	Kurtosis:	2.178 Leptokurtic
d_{50}:	27.63 µm		
d_{90}:	97.44 µm		
Specific Surf. Area	7577 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.619	7.821	27.63	57.96	97.44

335.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.92	500.0	100
5.000	18.3	1000	100
10.00	28.7	2000	100
15.00	35.2		
20.00	41.2		
25.00	47.1		
50.00	69.7		
60.00	76.2		
63.00	78.0		
70.00	81.7		
75.00	83.8		
90.00	88.5		
125.0	94.2		
200.0	99.7		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 336.$02

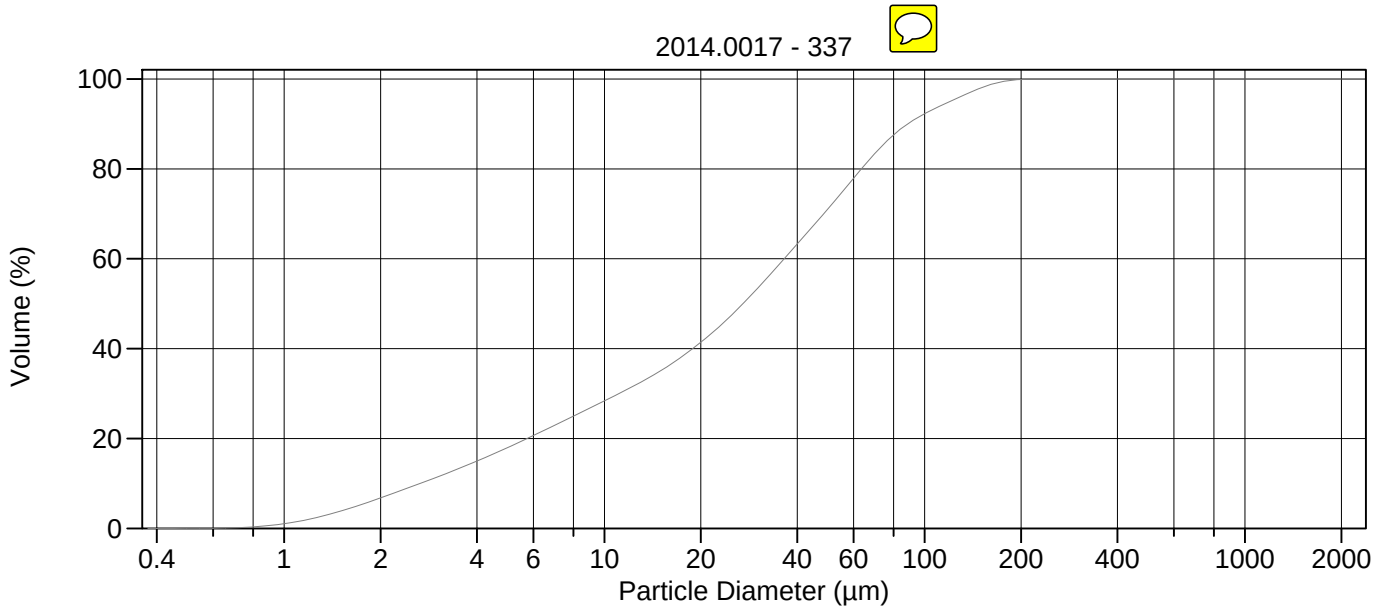
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	38.81 µm	95% Conf. Limits:	0-116.1 µm
Median:	26.94 µm	S.D.:	39.43 µm
D(3,2):	7.918 µm	Variance:	1555 μm^2
Mean/Median Ratio:	1.441	C.V.:	102%
Mode:	60.52 µm	Skewness:	1.551 Right skewed
d_{10}:	2.641 µm	Kurtosis:	2.404 Leptokurtic
d_{50}:	26.94 µm		
d_{90}:	91.86 µm		
Specific Surf. Area	7578 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.641	7.856	26.94	56.27	91.86

336.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.85	500.0	100
5.000	18.2	1000	100
10.00	28.7	2000	100
15.00	35.4		
20.00	41.7		
25.00	47.7		
50.00	70.8		
60.00	77.3		
63.00	79.1		
70.00	82.8		
75.00	84.9		
90.00	89.5		
125.0	94.9		
200.0	99.8		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 337.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	38.01 µm	95% Conf. Limits:	0-111.9 µm
Median:	27.09 µm	S.D.:	37.71 µm
D(3,2):	7.971 µm	Variance:	1422 μm^2
Mean/Median Ratio:	1.403	C.V.:	99.2%
Mode:	60.52 µm	Skewness:	1.495 Right skewed
d_{10}:	2.659 µm	Kurtosis:	2.228 Leptokurtic
d_{50}:	27.09 µm		
d_{90}:	88.60 µm		
Specific Surf. Area	7528 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.659	8.016	27.09	55.54	88.60

337.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.79	500.0	100
5.000	18.0	1000	100
10.00	28.4	2000	100
15.00	35.1		
20.00	41.4		
25.00	47.5		
50.00	71.2		
60.00	77.9		
63.00	79.7		
70.00	83.5		
75.00	85.7		
90.00	90.3		
125.0	95.6		
200.0	99.9		
250.0	100.0		
400.0	100		

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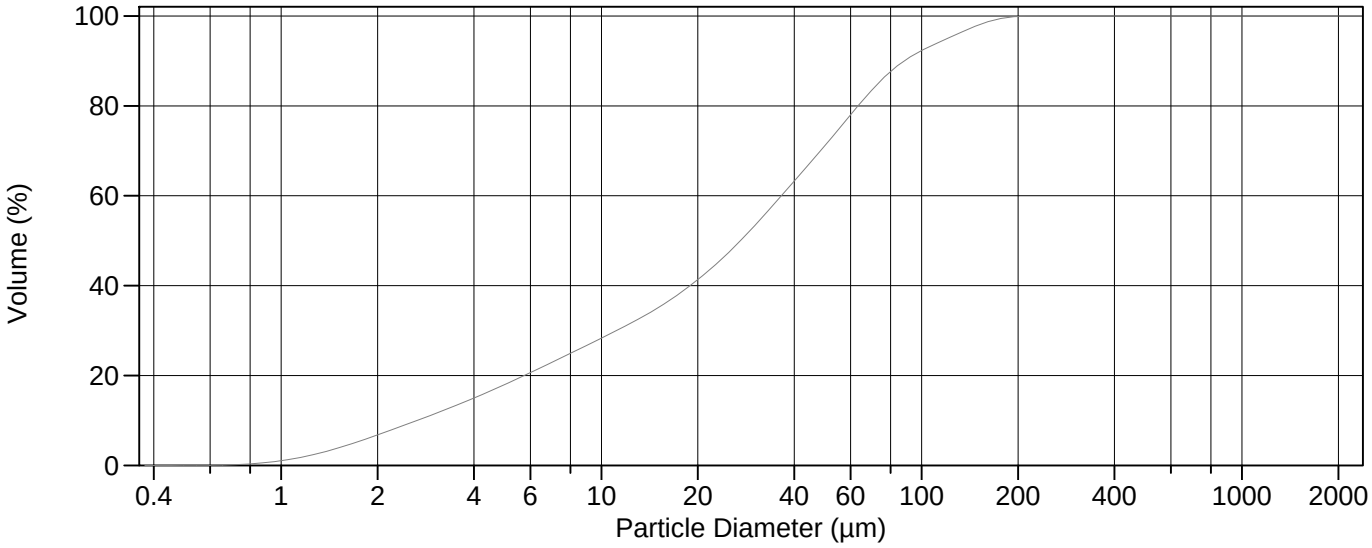

Volume Statistics (Arithmetic) 338.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	38.05 µm	95% Conf. Limits:	0-112.2 µm
Median:	27.17 µm	S.D.:	37.83 µm
D(3,2):	7.977 µm	Variance:	1431 μm^2
Mean/Median Ratio:	1.400	C.V.:	99.4%
Mode:	60.52 µm	Skewness:	1.515 Right skewed
d_{10}:	2.657 µm	Kurtosis:	2.320 Leptokurtic
d_{50}:	27.17 µm		
d_{90}:	88.35 µm		
Specific Surf. Area	7522 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.657	8.038	27.17	55.41	88.35

338.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.79	500.0	100
5.000	18.0	1000	100
10.00	28.3	2000	100
15.00	35.0		
20.00	41.3		
25.00	47.4		
50.00	71.2		
60.00	78.0		
63.00	79.8		
70.00	83.6		
75.00	85.8		
90.00	90.4		
125.0	95.5		
200.0	99.9		
250.0	100.0		
400.0	100		

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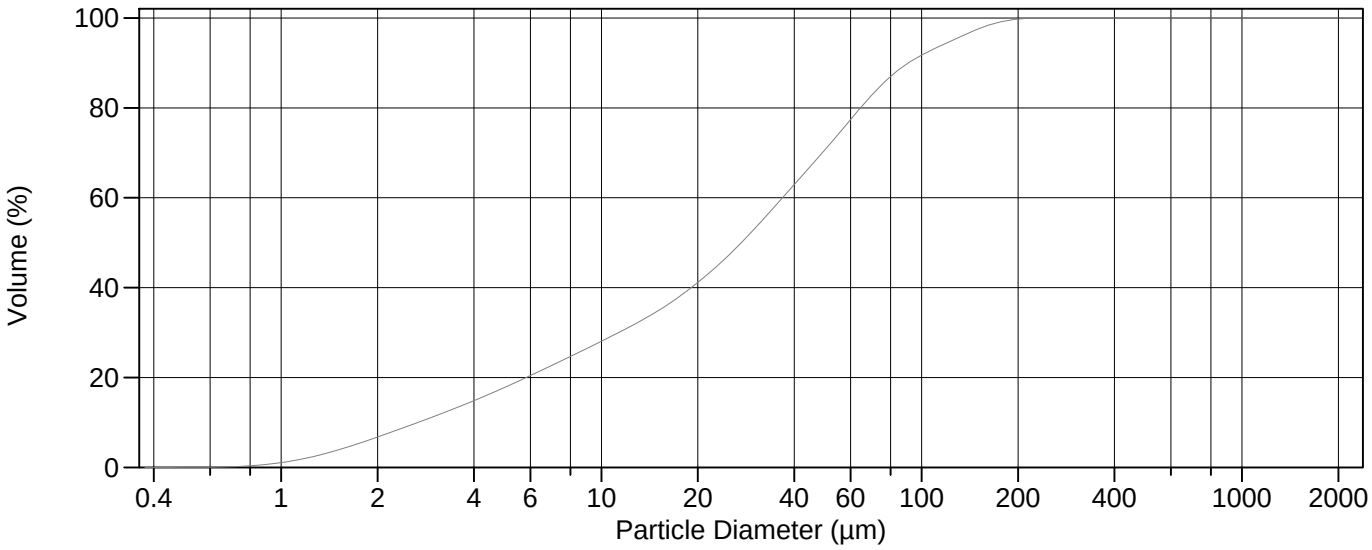


Volume Statistics (Arithmetic) 339.$02

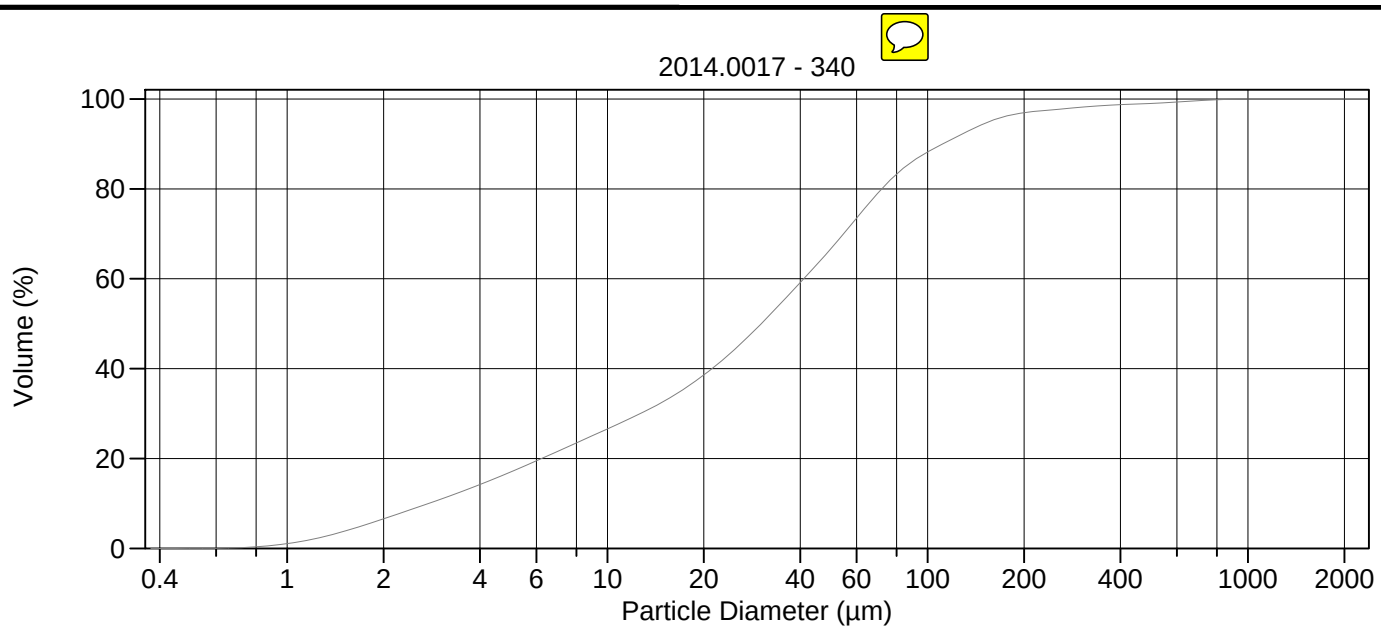
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	38.88 µm	95% Conf. Limits:	0-115.7 µm
Median:	27.33 µm	S.D.:	39.19 µm
D(3,2):	8.014 µm	Variance:	1536 μm^2
Mean/Median Ratio:	1.423	C.V.:	101%
Mode:	60.52 µm	Skewness:	1.568 Right skewed
d_{10}:	2.673 µm	Kurtosis:	2.543 Leptokurtic
d_{50}:	27.33 µm		
d_{90}:	90.88 µm		
Specific Surf. Area	7487 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.673	8.166	27.33	56.25	90.88

339.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.77	500.0	100
5.000	17.8	1000	100
10.00	28.1	2000	100
15.00	34.8		
20.00	41.1		
25.00	47.2		
50.00	70.7		
60.00	77.4		
63.00	79.2		
70.00	82.9		
75.00	85.1		
90.00	89.8		
125.0	95.0		
200.0	99.8		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 340#.$02

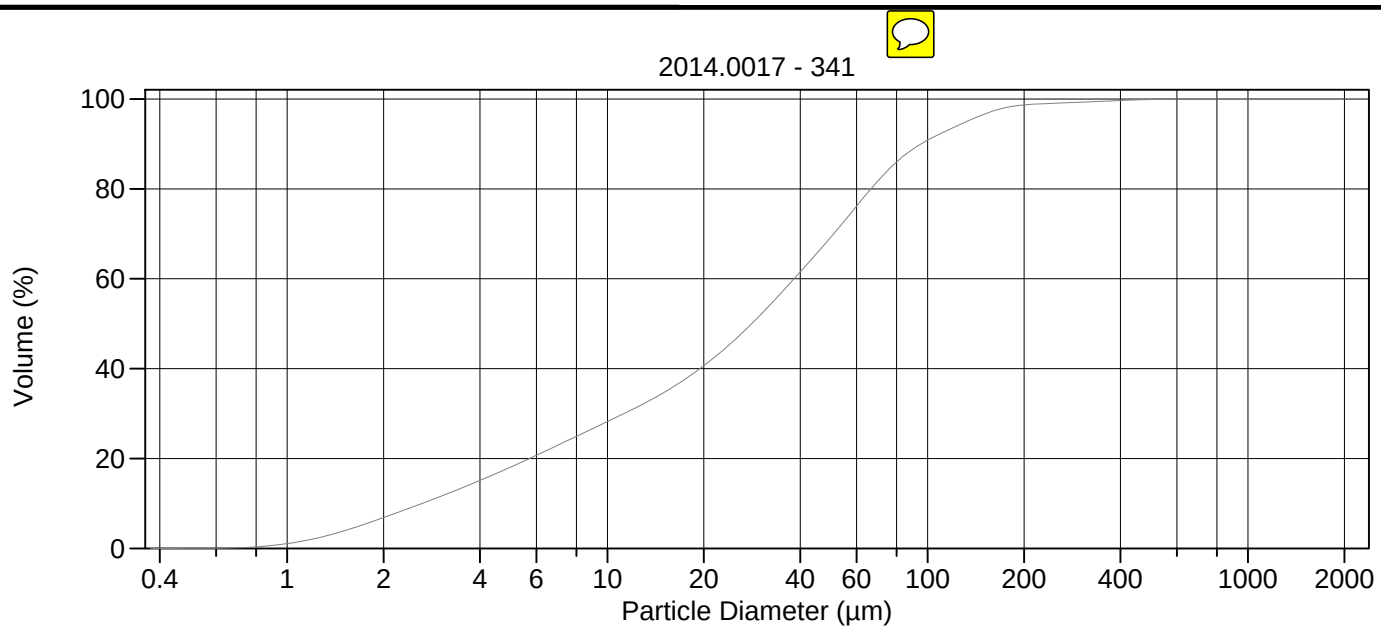
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	51.86 µm	95% Conf. Limits:	0-216.0 µm
Median:	30.22 µm	S.D.:	83.73 µm
D(3,2):	8.370 µm	Variance:	7011 μm^2
Mean/Median Ratio:	1.716	C.V.:	161%
Mode:	60.52 µm	Skewness:	5.287 Right skewed
d_{10}:	2.765 µm	Kurtosis:	37.36 Leptokurtic
d_{50}:	30.22 µm		
d_{90}:	111.4 µm		
Specific Surf. Area	7168 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.765	8.926	30.22	62.48	111.4

340#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.58	500.0	99.0
5.000	17.0	1000	100.0
10.00	26.6	2000	100
15.00	32.7		
20.00	38.6		
25.00	44.3		
50.00	66.8		
60.00	73.5		
63.00	75.3		
70.00	79.1		
75.00	81.4		
90.00	86.2		
125.0	91.8		
200.0	96.9		
250.0	97.7		
400.0	98.7		



Volume Statistics (Arithmetic) 341#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	42.39 µm	95% Conf. Limits:	0-143.6 µm
Median:	28.23 µm	S.D.:	51.65 µm
D(3,2):	7.996 µm	Variance:	2668 μm^2
Mean/Median Ratio:	1.501	C.V.:	122%
Mode:	60.52 µm	Skewness:	3.612 Right skewed
d_{10}:	2.637 µm	Kurtosis:	21.99 Leptokurtic
d_{50}:	28.23 µm		
d_{90}:	95.36 µm		
Specific Surf. Area	7504 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.637	8.044	28.23	58.20	95.36

341#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.85	500.0	99.9
5.000	18.1	1000	100
10.00	28.2	2000	100
15.00	34.7		
20.00	40.7		
25.00	46.4		
50.00	69.3		
60.00	76.1		
63.00	78.0		
70.00	81.8		
75.00	84.1		
90.00	88.9		
125.0	94.2		
200.0	98.7		
250.0	99.1		
400.0	99.7		

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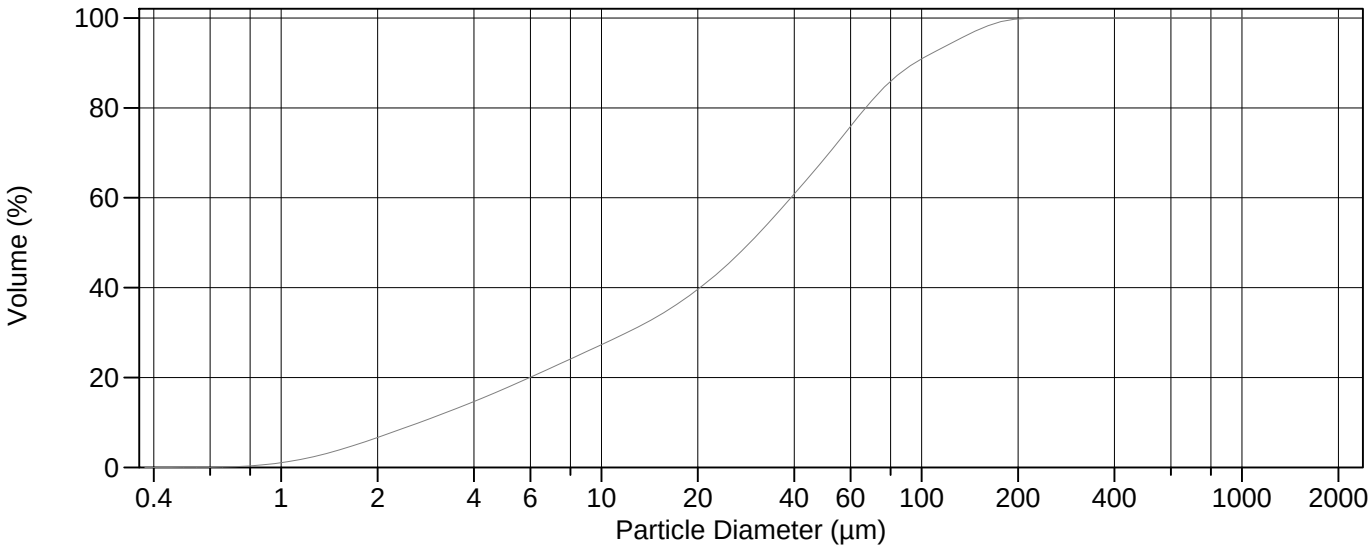


Volume Statistics (Arithmetic) 342.$02

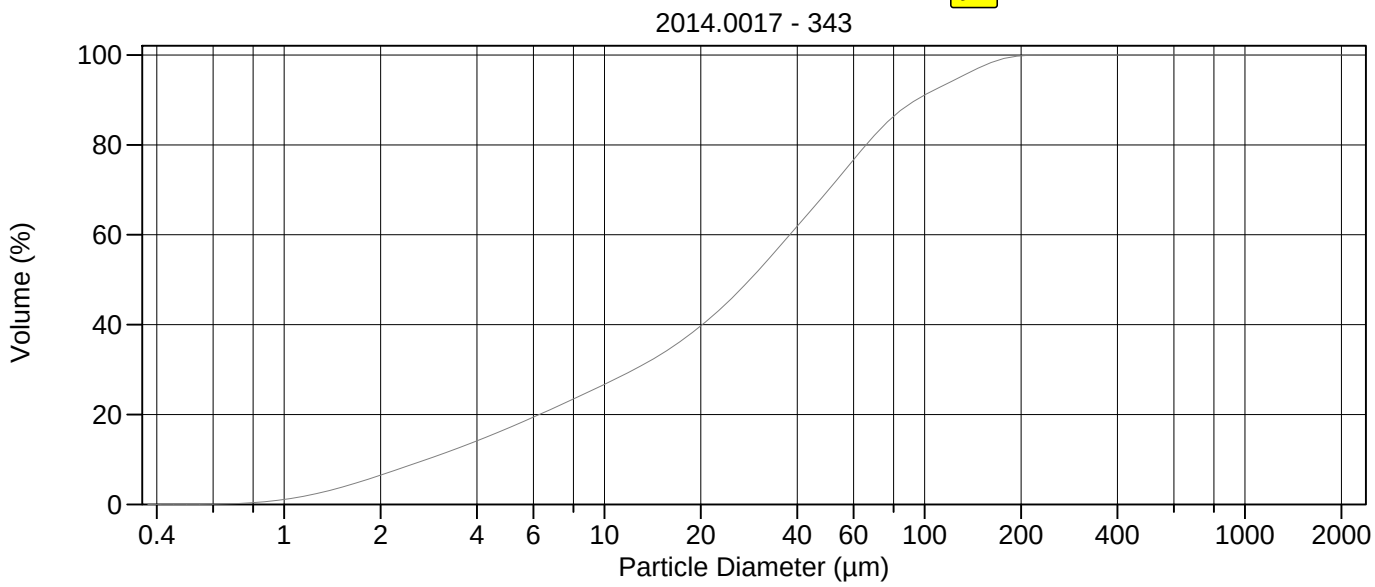
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	40.48 µm	95% Conf. Limits:	0-118.9 µm
Median:	29.09 µm	S.D.:	40.03 µm
D(3,2):	8.182 µm	Variance:	1602 μm^2
Mean/Median Ratio:	1.391	C.V.:	98.9%
Mode:	60.52 µm	Skewness:	1.471 Right skewed
d_{10}:	2.705 µm	Kurtosis:	2.089 Leptokurtic
d_{50}:	29.09 µm		
d_{90}:	95.22 µm		
Specific Surf. Area	7333 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.705	8.515	29.09	58.66	95.22

342.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.67	500.0	100
5.000	17.6	1000	100
10.00	27.3	2000	100
15.00	33.6		
20.00	39.6		
25.00	45.4		
50.00	68.9		
60.00	75.9		
63.00	77.8		
70.00	81.7		
75.00	84.0		
90.00	88.9		
125.0	94.5		
200.0	99.8		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 343.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	39.99 µm	95% Conf. Limits:	0-117.8 µm
Median:	28.47 µm	S.D.:	39.68 µm
D(3,2):	8.272 µm	Variance:	1575 μm^2
Mean/Median Ratio:	1.405	C.V.:	99.2%
Mode:	60.52 µm	Skewness:	1.511 Right skewed
d_{10}:	2.785 µm	Kurtosis:	2.207 Leptokurtic
d_{50}:	28.47 µm		
d_{90}:	94.04 µm		
Specific Surf. Area	7253 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.785	8.899	28.47	57.34	94.04

343.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.50	500.0	100
5.000	17.0	1000	100
10.00	26.7	2000	100
15.00	33.4		
20.00	39.7		
25.00	45.9		
50.00	69.9		
60.00	76.7		
63.00	78.5		
70.00	82.3		
75.00	84.5		
90.00	89.1		
125.0	94.6		
200.0	99.8		
250.0	100.0		
400.0	100		

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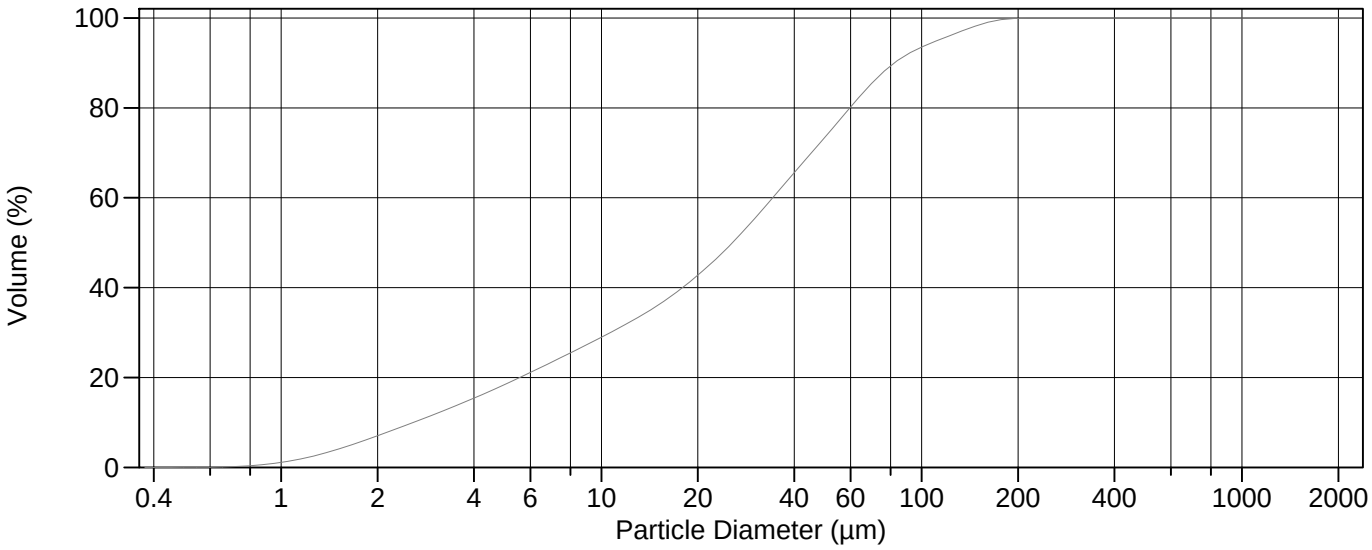


Volume Statistics (Arithmetic) 344.$02

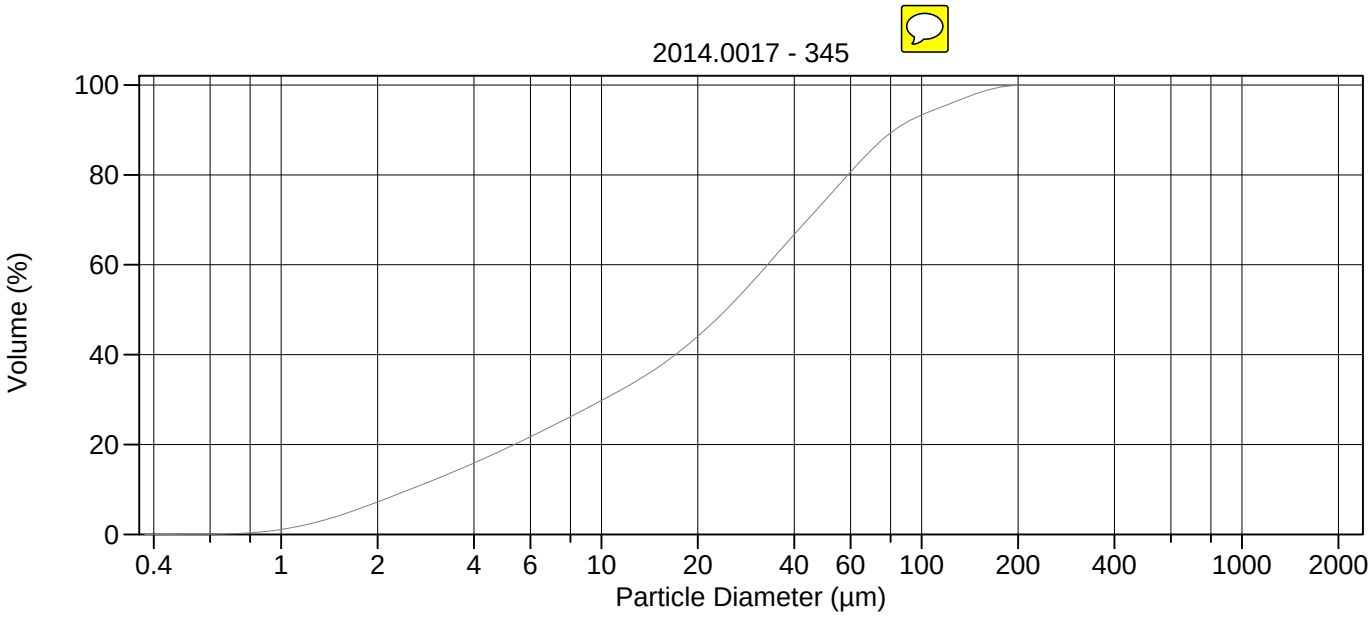
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	35.86 µm	95% Conf. Limits:	0-105.9 µm
Median:	25.65 µm	S.D.:	35.76 µm
D(3,2):	7.742 µm	Variance:	1279 μm^2
Mean/Median Ratio:	1.398	C.V.:	99.7%
Mode:	55.14 µm	Skewness:	1.579 Right skewed
d_{10}:	2.586 µm	Kurtosis:	2.685 Leptokurtic
d_{50}:	25.65 µm		
d_{90}:	82.21 µm		
Specific Surf. Area	7750 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.586	7.759	25.65	52.07	82.21

344.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.04	500.0	100
5.000	18.5	1000	100
10.00	29.0	2000	100
15.00	36.1		
20.00	42.8		
25.00	49.2		
50.00	73.5		
60.00	80.1		
63.00	81.9		
70.00	85.5		
75.00	87.6		
90.00	91.9		
125.0	96.3		
200.0	99.9		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 345.$02

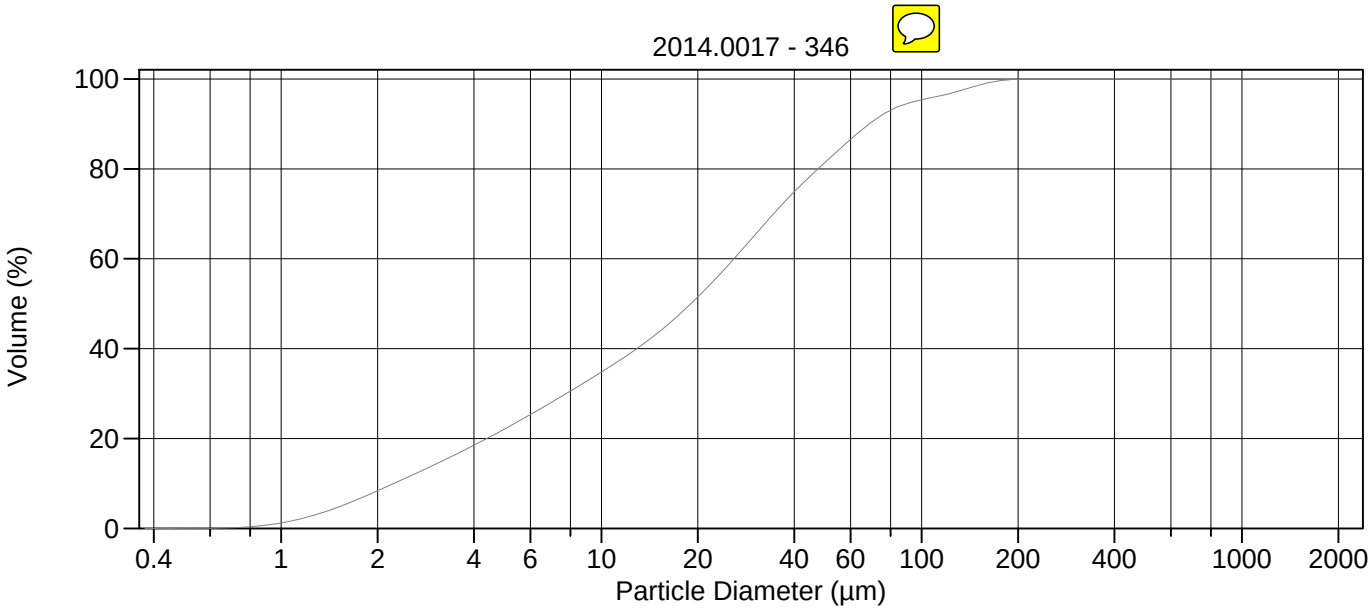
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	35.42 µm	95% Conf. Limits:	0-106.6 µm
Median:	24.54 µm	S.D.:	36.30 µm
D(3,2):	7.584 µm	Variance:	1318 μm^2
Mean/Median Ratio:	1.443	C.V.:	102%
Mode:	34.58 µm	Skewness:	1.651 Right skewed
d_{10}:	2.524 µm	Kurtosis:	2.917 Leptokurtic
d_{50}:	24.54 µm		
d_{90}:	82.34 µm		
Specific Surf. Area	7911 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.524	7.415	24.54	50.98	82.34

345.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	7.23	500.0	100
5.000	19.0	1000	100
10.00	29.8	2000	100
15.00	37.1		
20.00	44.1		
25.00	50.6		
50.00	74.3		
60.00	80.6		
63.00	82.3		
70.00	85.7		
75.00	87.7		
90.00	91.7		
125.0	96.1		
200.0	99.9		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 346.$02

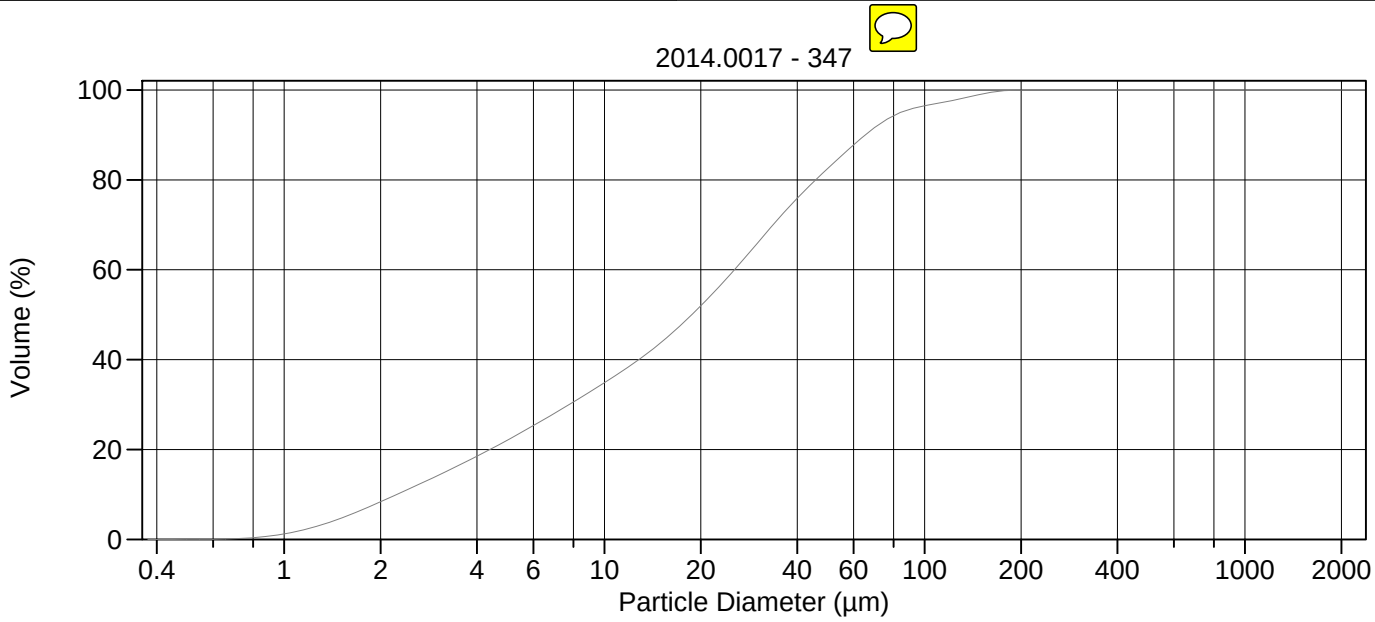
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	29.34 µm	95% Conf. Limits:	0-93.48 µm
Median:	19.03 µm	S.D.:	32.72 µm
D(3,2):	6.650 µm	Variance:	1071 μm^2
Mean/Median Ratio:	1.542	C.V.:	112%
Mode:	28.69 µm	Skewness:	2.073 Right skewed
d_{10}:	2.249 µm	Kurtosis:	5.063 Leptokurtic
d_{50}:	19.03 µm		
d_{90}:	68.56 µm		
Specific Surf. Area	9023 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.249	5.892	19.03	40.12	68.56

346.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.37	500.0	100
5.000	22.2	1000	100
10.00	34.8	2000	100
15.00	43.5		
20.00	51.5		
25.00	58.7		
50.00	81.5		
60.00	86.5		
63.00	87.9		
70.00	90.5		
75.00	91.9		
90.00	94.5		
125.0	97.0		
200.0	99.9		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 347.$02

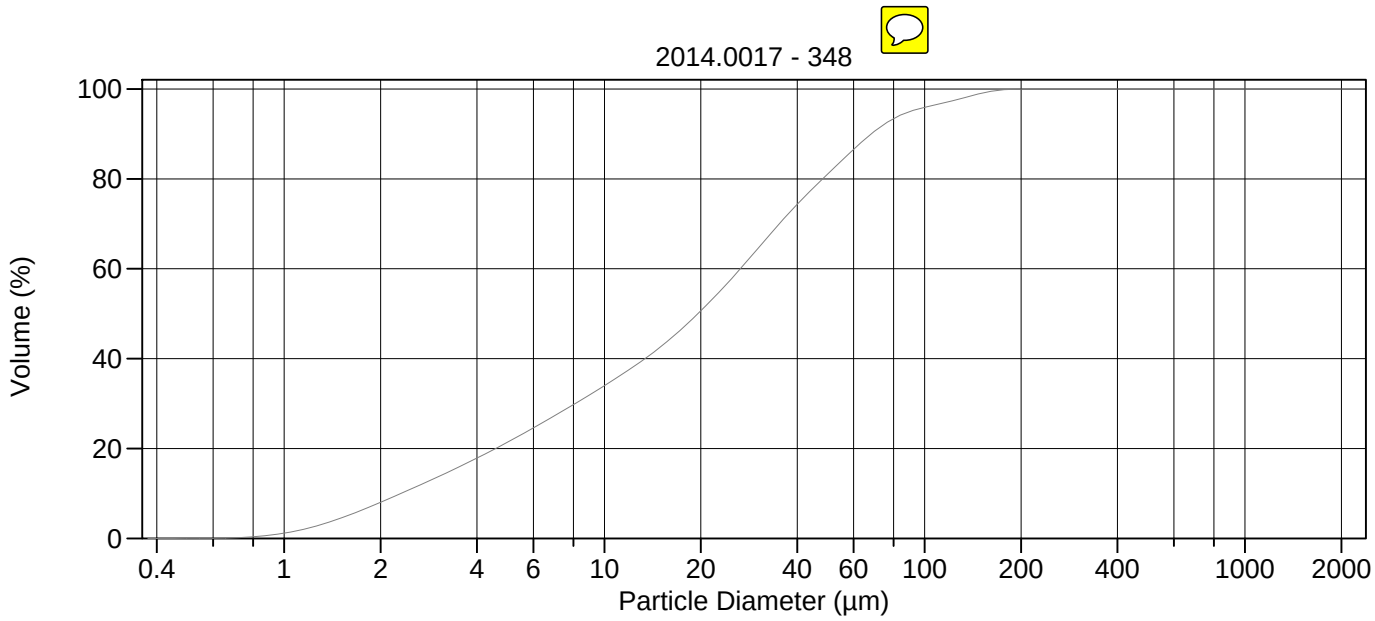
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	27.93 µm	95% Conf. Limits:	0-86.89 µm
Median:	18.76 µm	S.D.:	30.08 µm
D(3,2):	6.628 µm	Variance:	905.0 μm^2
Mean/Median Ratio:	1.489	C.V.:	108%
Mode:	31.50 µm	Skewness:	2.033 Right skewed
d_{10}:	2.249 µm	Kurtosis:	5.217 Leptokurtic
d_{50}:	18.76 µm		
d_{90}:	65.31 µm		
Specific Surf. Area	9053 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.249	5.893	18.76	38.91	65.31

347.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.37	500.0	100
5.000	22.2	1000	100
10.00	34.9	2000	100
15.00	43.8		
20.00	52.0		
25.00	59.4		
50.00	82.6		
60.00	87.7		
63.00	89.1		
70.00	91.7		
75.00	93.2		
90.00	95.7		
125.0	97.8		
200.0	100.0		
250.0	100		
400.0	100		



Volume Statistics (Arithmetic) 348.$02

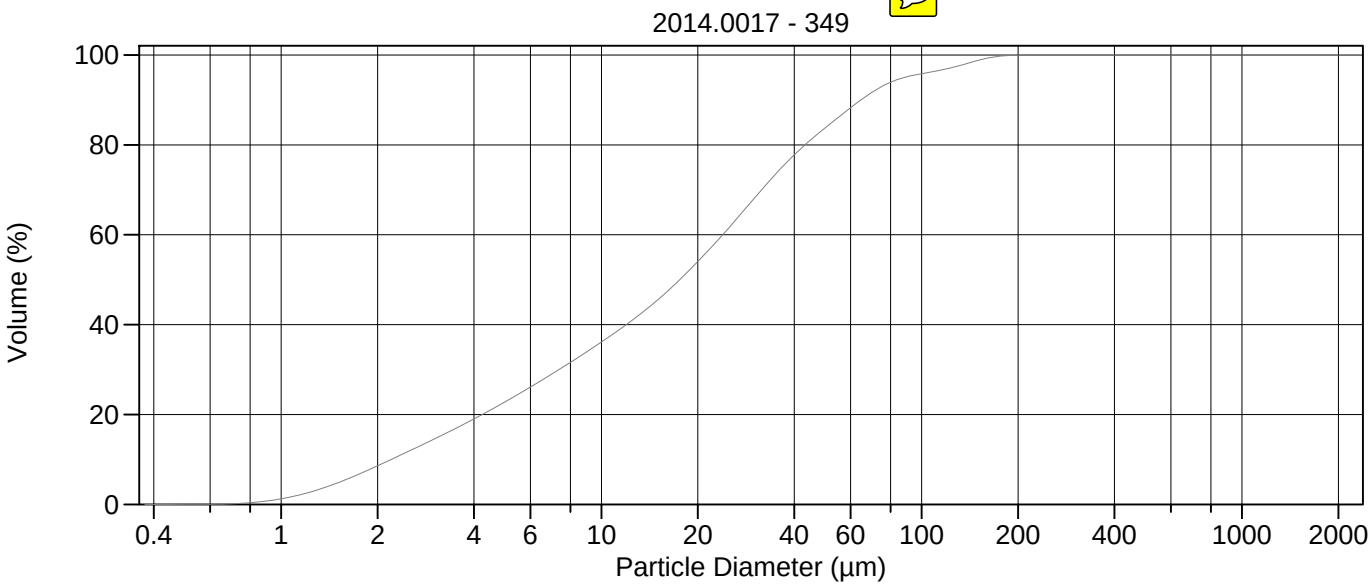
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	29.18 µm	95% Conf. Limits:	0-90.27 µm
Median:	19.59 µm	S.D.:	31.17 µm
D(3,2):	6.821 µm	Variance:	971.5 μm^2
Mean/Median Ratio:	1.489	C.V.:	107%
Mode:	31.50 µm	Skewness:	1.931 Right skewed
d_{10}:	2.316 µm	Kurtosis:	4.487 Leptokurtic
d_{50}:	19.59 µm		
d_{90}:	68.13 µm		
Specific Surf. Area	8796 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.316	6.140	19.59	40.84	68.13

348.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.04	500.0	100
5.000	21.5	1000	100
10.00	34.0	2000	100
15.00	42.7		
20.00	50.6		
25.00	57.9		
50.00	81.2		
60.00	86.5		
63.00	87.9		
70.00	90.7		
75.00	92.2		
90.00	95.0		
125.0	97.6		
200.0	100.0		
250.0	100		
400.0	100		



Volume Statistics (Arithmetic) 349.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	27.45 µm	95% Conf. Limits:	0-88.71 µm
Median:	17.57 µm	S.D.:	31.25 µm
D(3,2):	6.459 µm	Variance:	976.9 μm^2
Mean/Median Ratio:	1.562	C.V.:	114%
Mode:	28.69 µm	Skewness:	2.203 Right skewed
d_{10}:	2.207 µm	Kurtosis:	5.760 Leptokurtic
d_{50}:	17.57 µm		
d_{90}:	64.66 µm		
Specific Surf. Area	9289 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.207	5.651	17.57	36.59	64.66

349.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.59	500.0	100
5.000	22.8	1000	100
10.00	36.1	2000	100
15.00	45.5		
20.00	54.0		
25.00	61.5		
50.00	83.8		
60.00	88.2		
63.00	89.4		
70.00	91.7		
75.00	93.0		
90.00	95.2		
125.0	97.2		
200.0	100.0		
250.0	100		
400.0	100		

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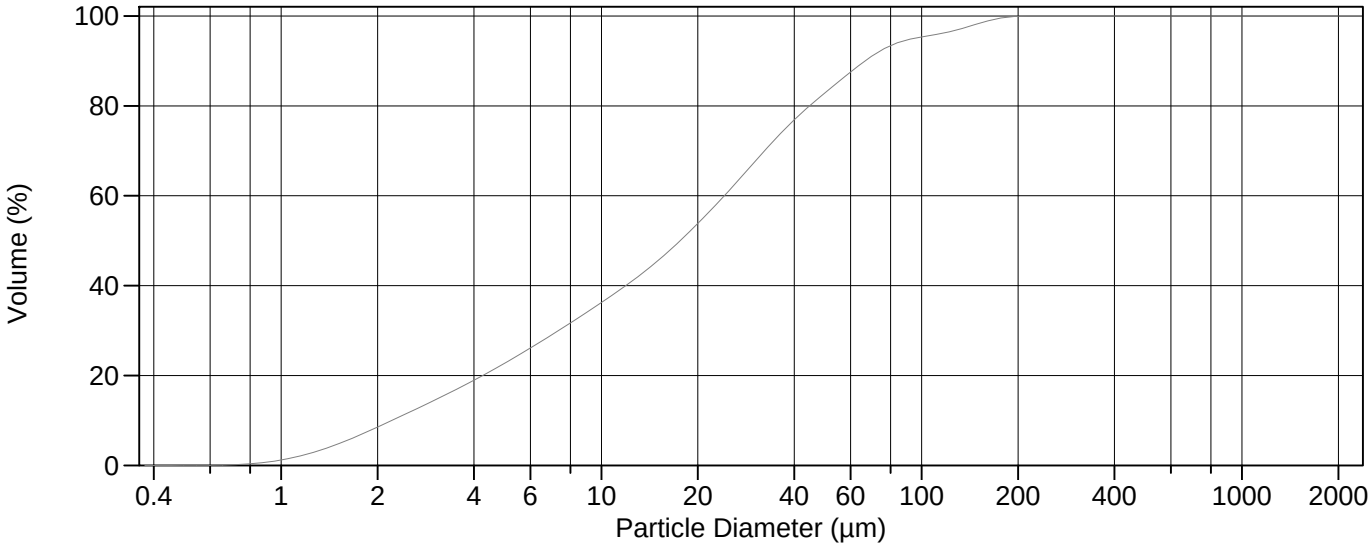


Volume Statistics (Arithmetic) 350.$02

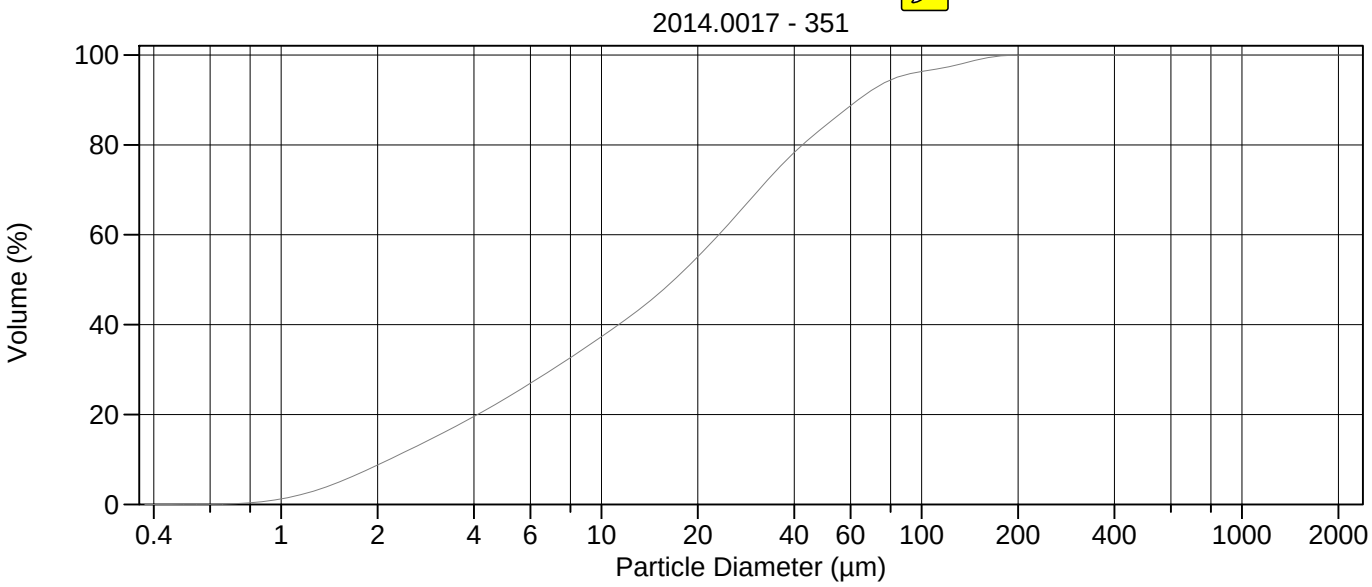
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	28.38 µm	95% Conf. Limits:	0-93.40 µm
Median:	17.63 µm	S.D.:	33.17 µm
D(3,2):	6.493 µm	Variance:	1100 μm^2
Mean/Median Ratio:	1.609	C.V.:	117%
Mode:	28.69 µm	Skewness:	2.269 Right skewed
d_{10}:	2.217 µm	Kurtosis:	6.023 Leptokurtic
d_{50}:	17.63 µm		
d_{90}:	66.65 µm		
Specific Surf. Area	9240 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.217	5.650	17.63	37.64	66.65

350.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.53	500.0	100
5.000	22.8	1000	100
10.00	36.2	2000	100
15.00	45.5		
20.00	53.8		
25.00	61.1		
50.00	82.9		
60.00	87.5		
63.00	88.7		
70.00	91.1		
75.00	92.4		
90.00	94.7		
125.0	96.7		
200.0	99.9		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 351.$02

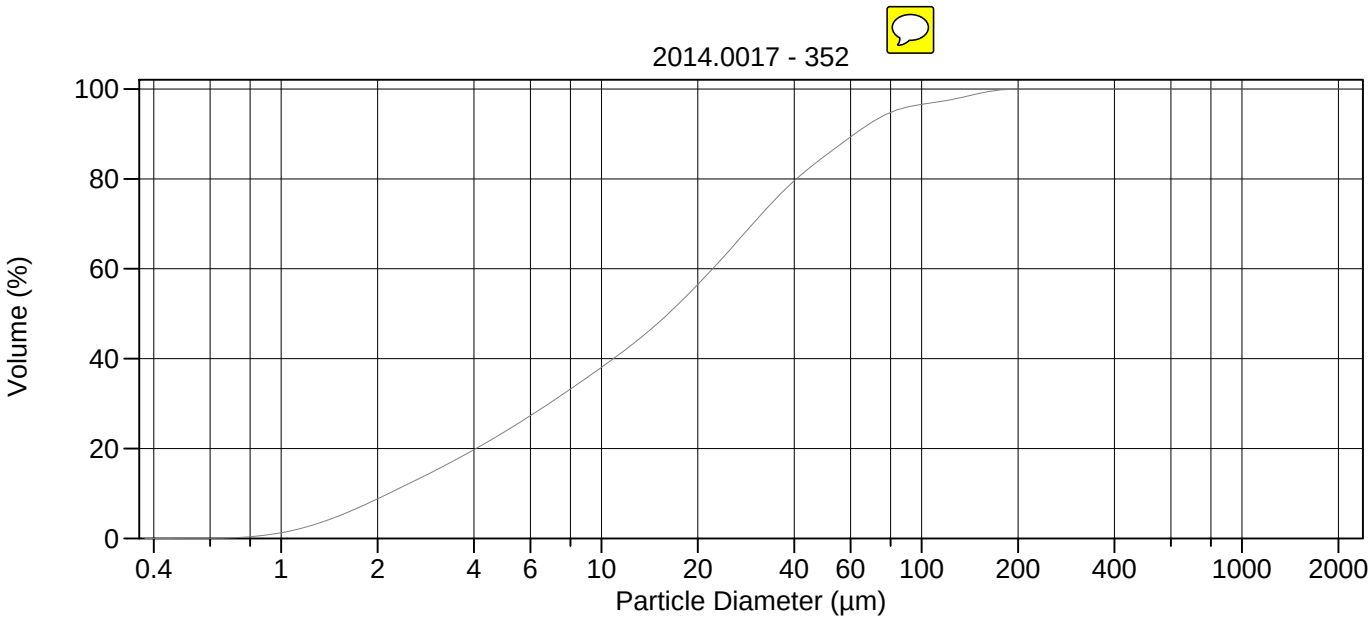
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	26.63 µm	95% Conf. Limits:	0-85.98 µm
Median:	16.89 µm	S.D.:	30.28 µm
D(3,2):	6.337 µm	Variance:	917.0 μm^2
Mean/Median Ratio:	1.576	C.V.:	114%
Mode:	28.69 µm	Skewness:	2.212 Right skewed
d_{10}:	2.176 µm	Kurtosis:	5.978 Leptokurtic
d_{50}:	16.89 µm		
d_{90}:	63.27 µm		
Specific Surf. Area	9469 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.176	5.421	16.89	35.93	63.27

351.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.76	500.0	100
5.000	23.5	1000	100
10.00	37.3	2000	100
15.00	46.7		
20.00	55.1		
25.00	62.5		
50.00	84.2		
60.00	88.7		
63.00	89.9		
70.00	92.2		
75.00	93.5		
90.00	95.7		
125.0	97.6		
200.0	100.0		
250.0	100		
400.0	100		



Volume Statistics (Arithmetic) 352.$02

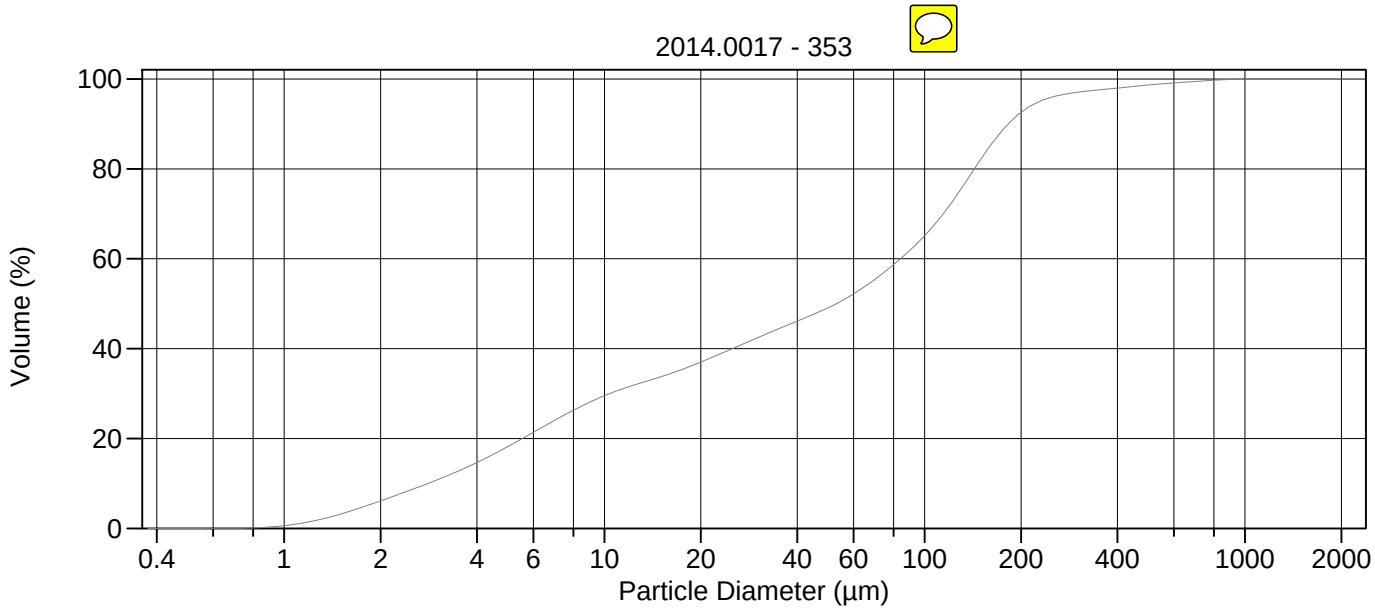
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	25.80 µm	95% Conf. Limits:	0-84.07 µm
Median:	16.19 µm	S.D.:	29.73 µm
D(3,2):	6.254 µm	Variance:	883.7 μm^2
Mean/Median Ratio:	1.594	C.V.:	115%
Mode:	28.69 µm	Skewness:	2.302 Right skewed
d_{10}:	2.167 µm	Kurtosis:	6.549 Leptokurtic
d_{50}:	16.19 µm		
d_{90}:	61.82 µm		
Specific Surf. Area	9594 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.167	5.338	16.19	34.45	61.82

352.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.82	500.0	100
5.000	23.8	1000	100
10.00	38.1	2000	100
15.00	47.9		
20.00	56.5		
25.00	64.0		
50.00	85.1		
60.00	89.3		
63.00	90.4		
70.00	92.6		
75.00	93.9		
90.00	96.0		
125.0	97.7		
200.0	100.0		
250.0	100		
400.0	100		



Volume Statistics (Arithmetic) 353.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	83.11 µm	95% Conf. Limits:	0-290.8 µm
Median:	53.04 µm	S.D.:	106.0 µm
D(3,2):	8.850 µm	Variance:	11232 μm^2
Mean/Median Ratio:	1.567	C.V.:	128%
Mode:	140.1 µm	Skewness:	3.206 Right skewed
d_{10}:	2.815 µm	Kurtosis:	16.22 Leptokurtic
d_{50}:	53.04 µm		
d_{90}:	182.6 µm		
Specific Surf. Area	6780 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.815	7.393	53.04	128.4	182.6

353.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.12	500.0	98.7
5.000	18.2	1000	100.0
10.00	29.5	2000	100
15.00	33.7		
20.00	37.0		
25.00	40.0		
50.00	49.1		
60.00	52.2		
63.00	53.1		
70.00	55.5		
75.00	57.1		
90.00	61.9		
125.0	73.8		
200.0	92.5		
250.0	96.0		
400.0	98.0		

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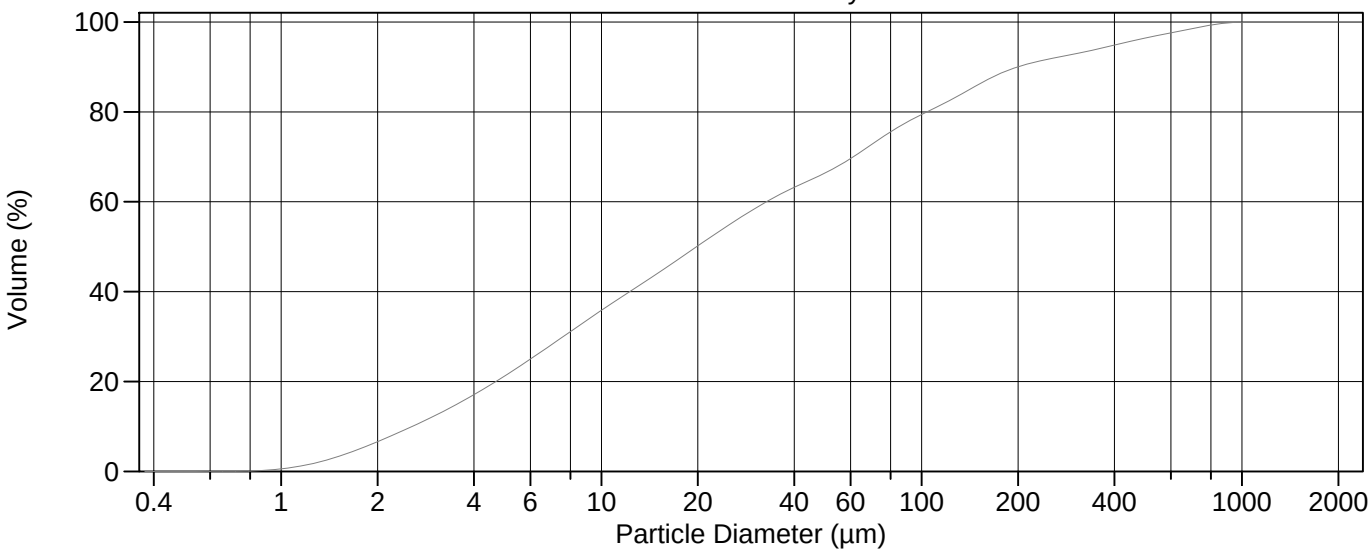

Volume Statistics (Arithmetic) 354.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	78.34 µm	95% Conf. Limits:	0-364.6 µm
Median:	19.83 µm	S.D.:	146.1 µm
D(3,2):	7.502 µm	Variance:	21333 μm^2
Mean/Median Ratio:	3.950	C.V.:	186%
Mode:	18.00 µm	Skewness:	3.210 Right skewed
d_{10}:	2.565 µm	Kurtosis:	11.15 Leptokurtic
d_{50}:	19.83 µm		
d_{90}:	199.7 µm		
Specific Surf. Area	7998 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.565	6.007	19.83	77.70	199.7

354.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.62	500.0	96.4
5.000	21.3	1000	100.0
10.00	35.8	2000	100
15.00	44.1		
20.00	50.2		
25.00	54.8		
50.00	66.4		
60.00	69.6		
63.00	70.6		
70.00	72.8		
75.00	74.3		
90.00	77.7		
125.0	82.9		
200.0	90.0		
250.0	91.8		
400.0	94.9		

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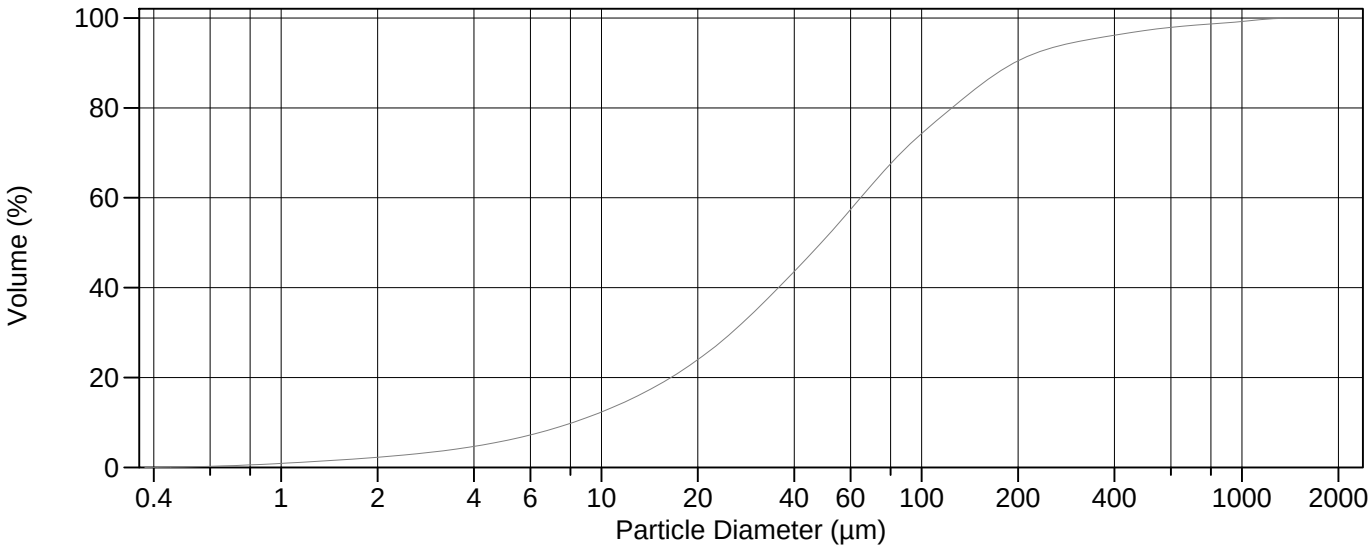


Volume Statistics (Arithmetic) 355.$02

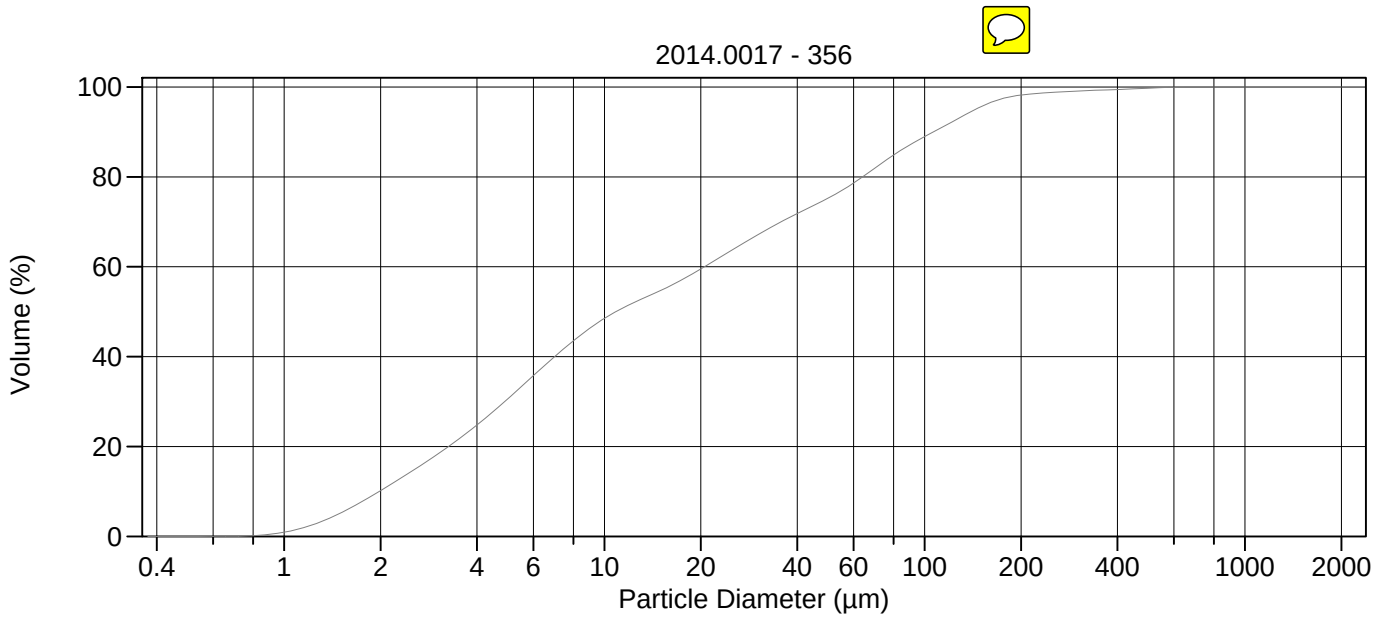
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	93.71 µm	95% Conf. Limits:	0-392.4 µm
Median:	48.63 µm	S.D.:	152.4 µm
D(3,2):	15.55 µm	Variance:	23228 µm^2
Mean/Median Ratio:	1.927	C.V.:	163%
Mode:	66.44 µm	Skewness:	4.431 Right skewed
d_{10}:	8.147 µm	Kurtosis:	24.40 Leptokurtic
d_{50}:	48.63 µm		
d_{90}:	194.1 µm		
Specific Surf. Area	3857 cm^2/ml		

% <	10	25	50	75	90
Size µm	8.147	20.93	48.63	102.6	194.1

355.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	2.26	500.0	97.2
5.000	5.94	1000	99.2
10.00	12.3	2000	100
15.00	18.3		
20.00	24.0		
25.00	29.4		
50.00	50.9		
60.00	57.4		
63.00	59.2		
70.00	63.0		
75.00	65.4		
90.00	71.3		
125.0	80.1		
200.0	90.4		
250.0	93.2		
400.0	96.2		



Volume Statistics (Arithmetic) 356.$02

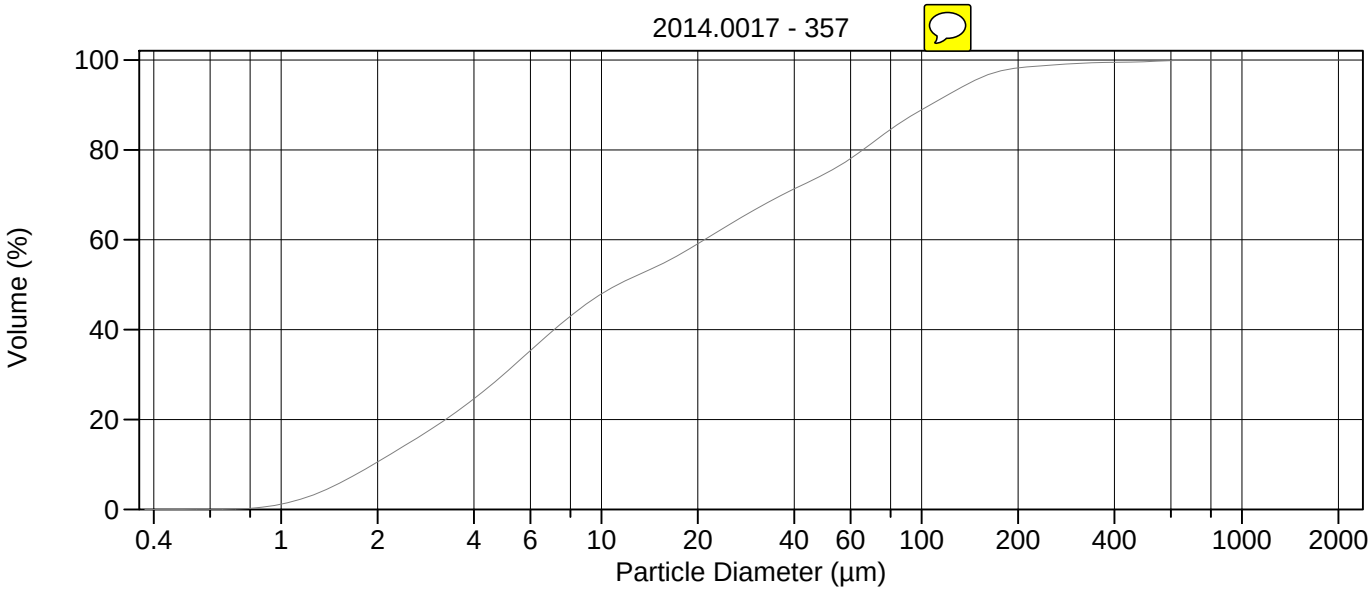
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	37.22 µm	95% Conf. Limits:	0-155.8 µm
Median:	10.84 µm	S.D.:	60.50 µm
D(3,2):	5.542 µm	Variance:	3660 μm^2
Mean/Median Ratio:	3.434	C.V.:	163%
Mode:	5.878 µm	Skewness:	3.902 Right skewed
d_{10}:	1.980 µm	Kurtosis:	23.30 Leptokurtic
d_{50}:	10.84 µm		
d_{90}:	106.5 µm		
Specific Surf. Area	10827 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.980	4.035	10.84	49.15	106.5

356.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.2	500.0	99.7
5.000	30.6	1000	100
10.00	48.5	2000	100
15.00	54.7		
20.00	59.5		
25.00	63.7		
50.00	75.3		
60.00	78.6		
63.00	79.7		
70.00	82.0		
75.00	83.5		
90.00	87.1		
125.0	92.7		
200.0	98.2		
250.0	98.8		
400.0	99.4		



Volume Statistics (Arithmetic) 357#.$02

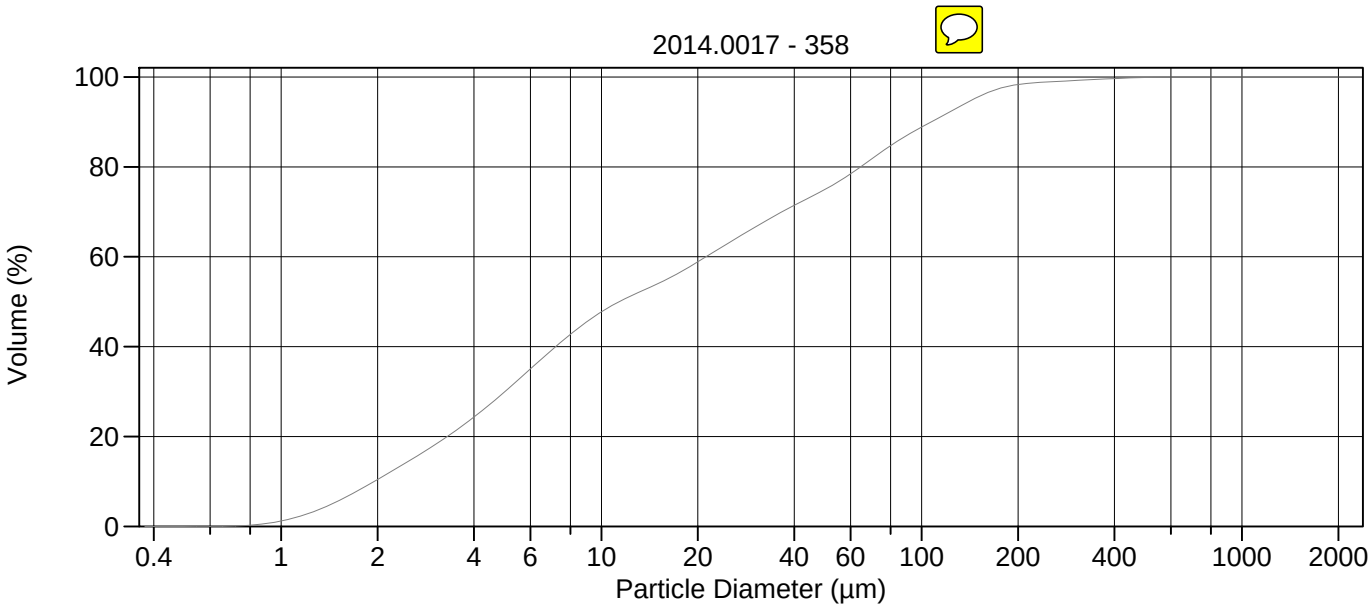
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	37.58 µm	95% Conf. Limits:	0-158.2 µm
Median:	11.25 µm	S.D.:	61.54 µm
D(3,2):	5.491 µm	Variance:	3787 μm^2
Mean/Median Ratio:	3.342	C.V.:	164%
Mode:	5.878 µm	Skewness:	4.283 Right skewed
d_{10}:	1.941 µm	Kurtosis:	29.23 Leptokurtic
d_{50}:	11.25 µm		
d_{90}:	106.3 µm		
Specific Surf. Area	10926 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.941	4.067	11.25	50.93	106.3

357#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.6	500.0	99.6
5.000	30.3	1000	100
10.00	47.9	2000	100
15.00	54.2		
20.00	59.1		
25.00	63.3		
50.00	74.7		
60.00	78.1		
63.00	79.1		
70.00	81.5		
75.00	83.1		
90.00	87.0		
125.0	92.8		
200.0	98.2		
250.0	98.8		
400.0	99.5		



Volume Statistics (Arithmetic) 358.$02

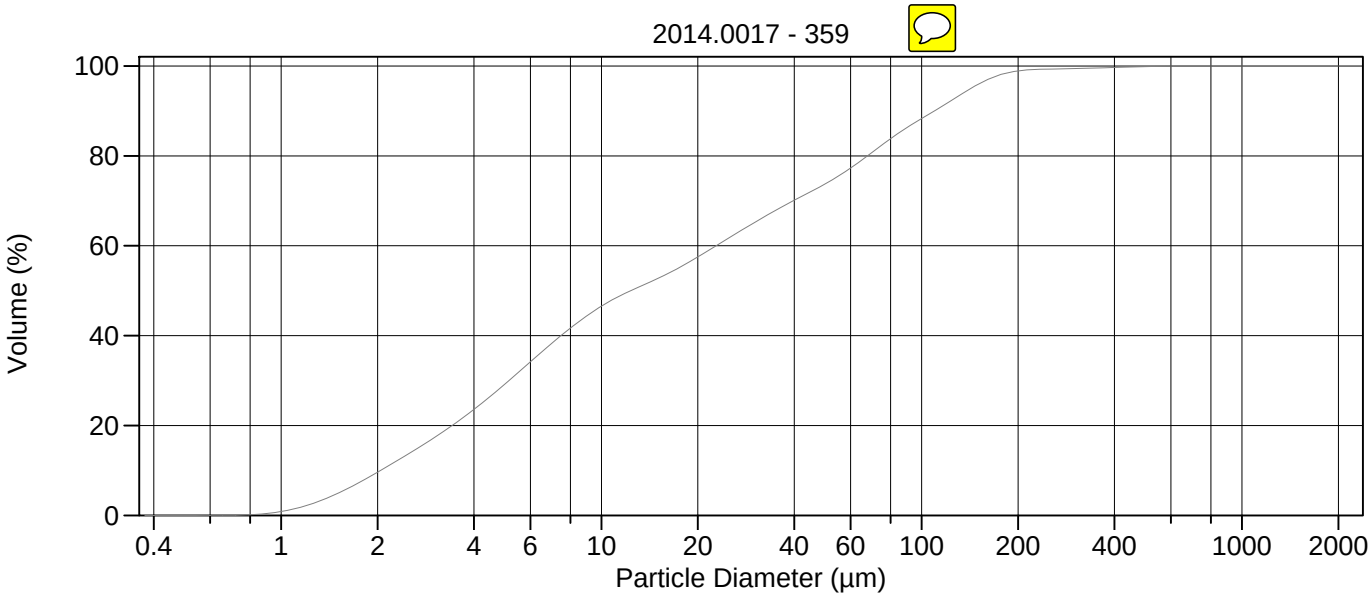
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	36.98 µm	95% Conf. Limits:	0-148.3 µm
Median:	11.38 µm	S.D.:	56.80 µm
D(3,2):	5.520 µm	Variance:	3226 μm^2
Mean/Median Ratio:	3.249	C.V.:	154%
Mode:	5.878 µm	Skewness:	3.342 Right skewed
d_{10}:	1.953 µm	Kurtosis:	17.31 Leptokurtic
d_{50}:	11.38 µm		
d_{90}:	107.1 µm		
Specific Surf. Area	10870 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.953	4.115	11.38	49.94	107.1

358.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.4	500.0	99.9
5.000	30.0	1000	100
10.00	47.7	2000	100
15.00	54.0		
20.00	58.9		
25.00	63.1		
50.00	75.0		
60.00	78.4		
63.00	79.5		
70.00	81.8		
75.00	83.4		
90.00	87.0		
125.0	92.6		
200.0	98.3		
250.0	98.9		
400.0	99.7		



Volume Statistics (Arithmetic) 359.$02

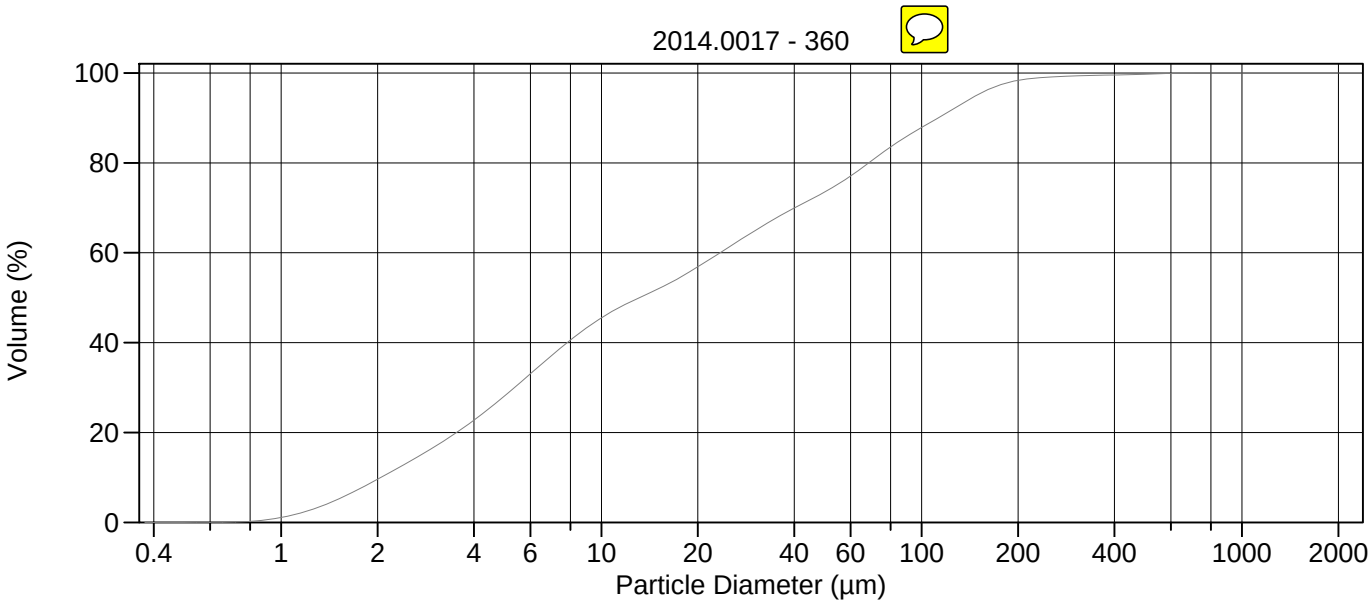
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	37.38 µm	95% Conf. Limits:	0-144.5 µm
Median:	12.35 µm	S.D.:	54.66 µm
D(3,2):	5.784 µm	Variance:	2988 μm^2
Mean/Median Ratio:	3.027	C.V.:	146%
Mode:	5.878 µm	Skewness:	3.317 Right skewed
d_{10}:	2.044 µm	Kurtosis:	19.19 Leptokurtic
d_{50}:	12.35 µm		
d_{90}:	109.5 µm		
Specific Surf. Area	10374 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.044	4.239	12.35	53.58	109.5

359.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.62	500.0	99.9
5.000	29.2	1000	100
10.00	46.5	2000	100
15.00	52.7		
20.00	57.5		
25.00	61.7		
50.00	73.8		
60.00	77.3		
63.00	78.4		
70.00	80.8		
75.00	82.4		
90.00	86.3		
125.0	92.5		
200.0	98.9		
250.0	99.3		
400.0	99.7		



Volume Statistics (Arithmetic) 360.$02

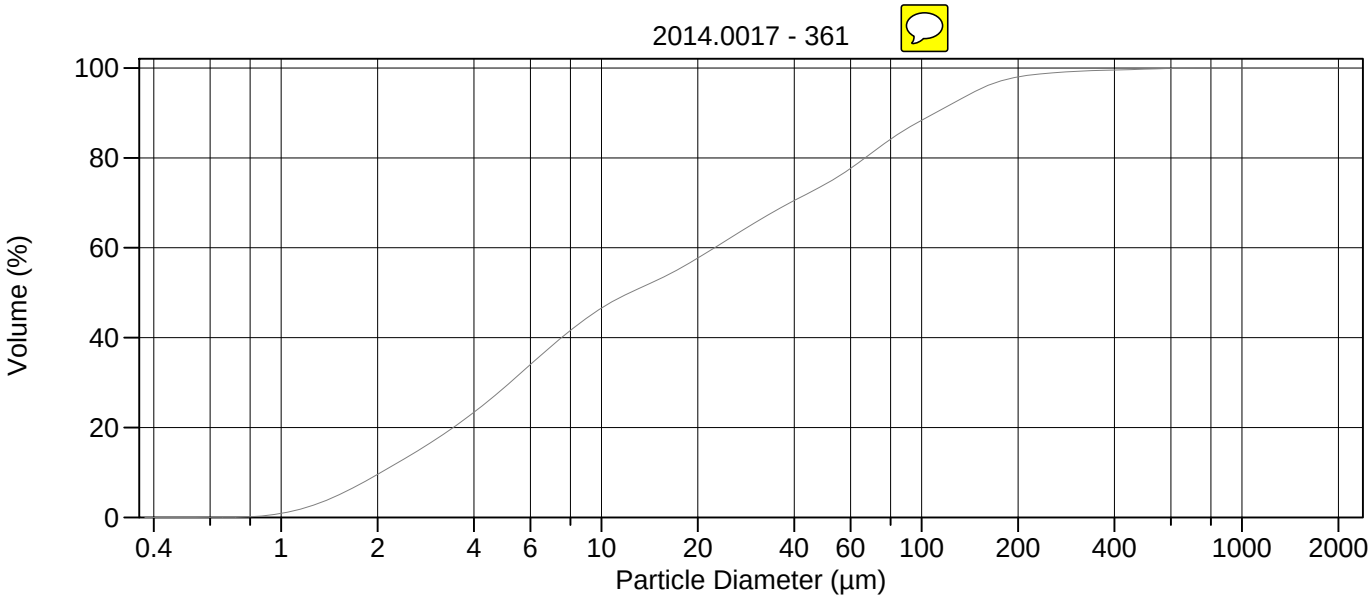
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	39.01 µm	95% Conf. Limits:	0-155.7 µm
Median:	13.14 µm	S.D.:	59.55 µm
D(3,2):	5.834 µm	Variance:	3546 μm^2
Mean/Median Ratio:	2.969	C.V.:	153%
Mode:	5.878 µm	Skewness:	3.762 Right skewed
d_{10}:	2.049 µm	Kurtosis:	23.96 Leptokurtic
d_{50}:	13.14 µm		
d_{90}:	112.7 µm		
Specific Surf. Area	10284 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.049	4.402	13.14	54.10	112.7

360.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.60	500.0	99.7
5.000	28.2	1000	100
10.00	45.5	2000	100
15.00	51.9		
20.00	56.9		
25.00	61.3		
50.00	73.6		
60.00	77.1		
63.00	78.1		
70.00	80.6		
75.00	82.1		
90.00	85.9		
125.0	91.9		
200.0	98.3		
250.0	99.1		
400.0	99.6		



Volume Statistics (Arithmetic) 361.$02

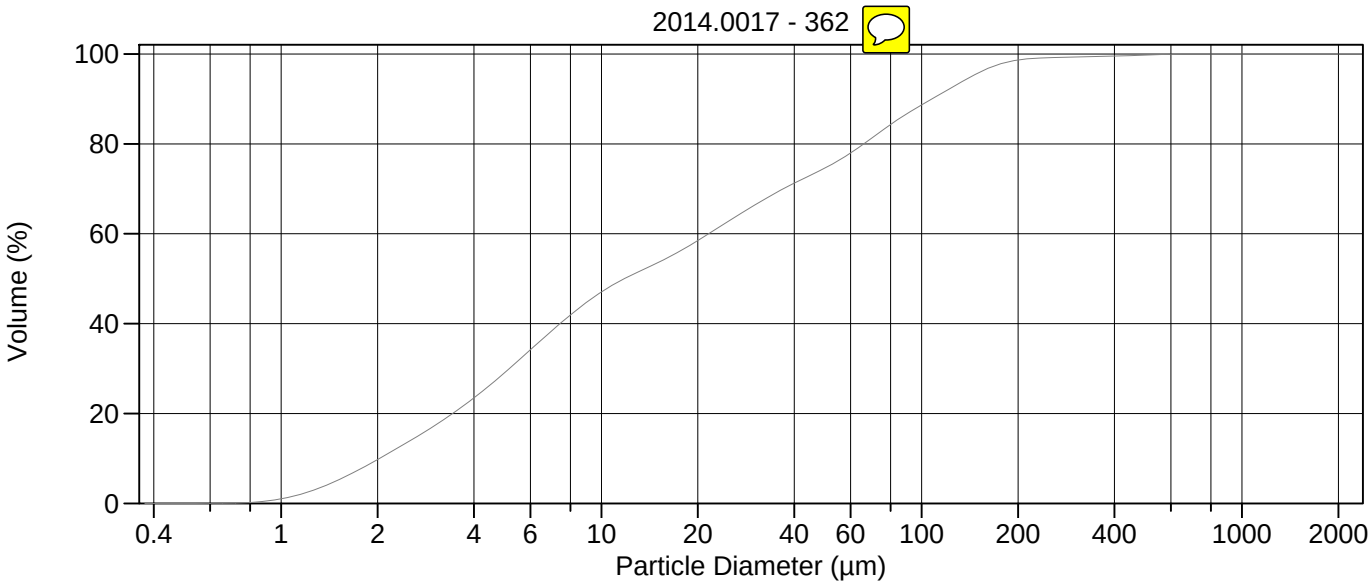
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	38.66 µm	95% Conf. Limits:	0-157.3 µm
Median:	12.28 µm	S.D.:	60.55 µm
D(3,2):	5.793 µm	Variance:	3666 μm^2
Mean/Median Ratio:	3.149	C.V.:	157%
Mode:	5.878 µm	Skewness:	3.779 Right skewed
d_{10}:	2.050 µm	Kurtosis:	23.27 Leptokurtic
d_{50}:	12.28 µm		
d_{90}:	110.2 µm		
Specific Surf. Area	10358 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.050	4.274	12.28	52.53	110.2

361.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.57	500.0	99.7
5.000	29.0	1000	100
10.00	46.6	2000	100
15.00	52.9		
20.00	57.7		
25.00	62.0		
50.00	74.1		
60.00	77.7		
63.00	78.7		
70.00	81.2		
75.00	82.7		
90.00	86.5		
125.0	92.1		
200.0	98.0		
250.0	98.8		
400.0	99.6		



Volume Statistics (Arithmetic) 362.$02

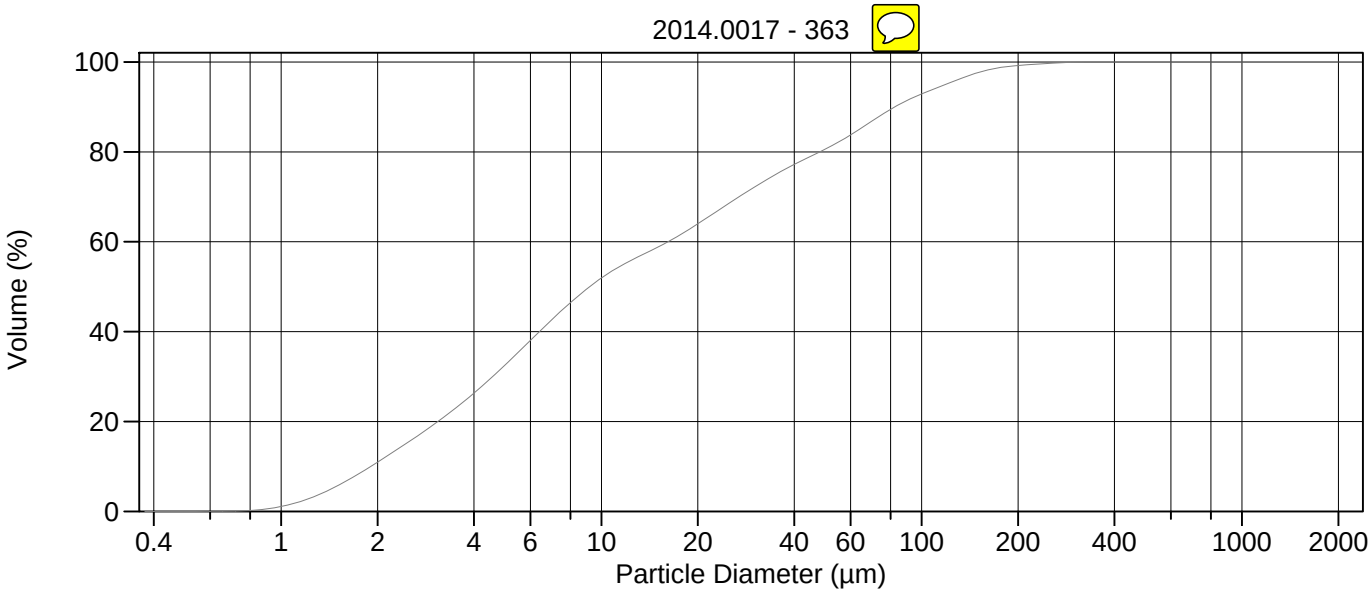
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	37.20 µm	95% Conf. Limits:	0-150.1 µm
Median:	11.79 µm	S.D.:	57.61 µm
D(3,2):	5.709 µm	Variance:	3319 μm^2
Mean/Median Ratio:	3.156	C.V.:	155%
Mode:	5.878 µm	Skewness:	3.833 Right skewed
d_{10}:	2.027 µm	Kurtosis:	24.55 Leptokurtic
d_{50}:	11.79 µm		
d_{90}:	107.7 µm		
Specific Surf. Area	10509 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.027	4.259	11.79	51.06	107.7

362.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.77	500.0	99.8
5.000	29.1	1000	100
10.00	47.0	2000	100
15.00	53.5		
20.00	58.5		
25.00	62.9		
50.00	74.7		
60.00	78.0		
63.00	79.0		
70.00	81.3		
75.00	82.9		
90.00	86.7		
125.0	92.6		
200.0	98.6		
250.0	99.2		
400.0	99.6		



Volume Statistics (Arithmetic) 363#.$02

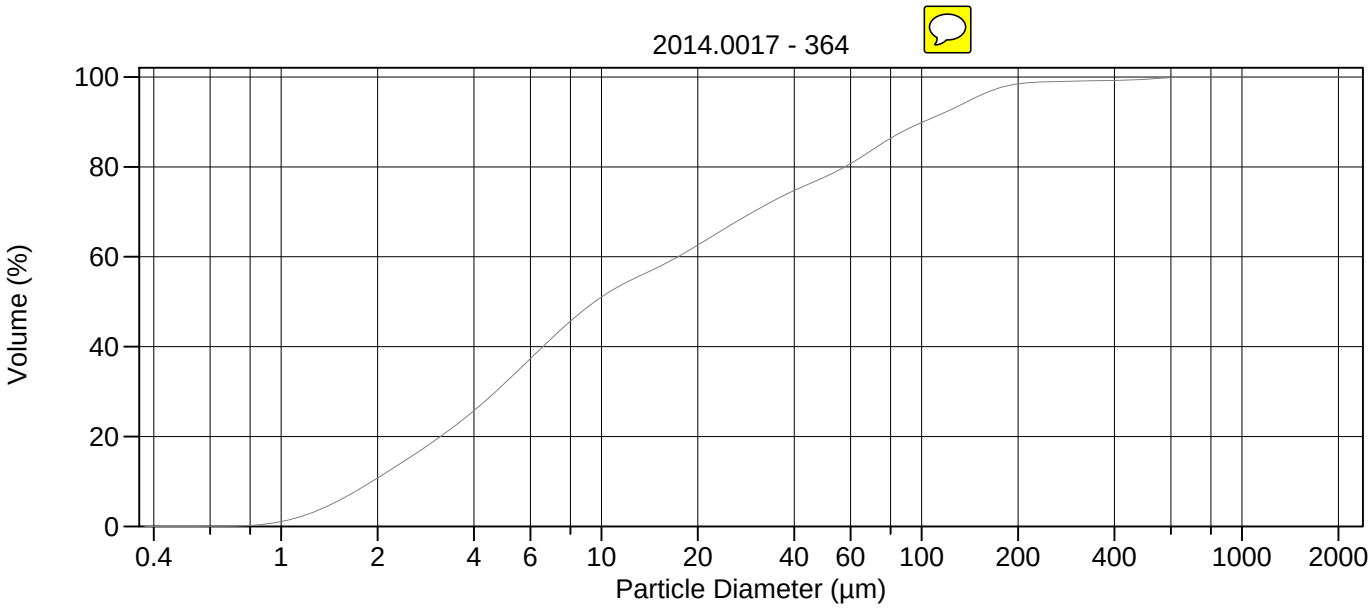
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	28.39 µm	95% Conf. Limits:	0-109.2 µm
Median:	9.193 µm	S.D.:	41.23 µm
D(3,2):	5.180 µm	Variance:	1700 μm^2
Mean/Median Ratio:	3.088	C.V.:	145%
Mode:	5.878 µm	Skewness:	2.507 Right skewed
d_{10}:	1.906 µm	Kurtosis:	7.755 Leptokurtic
d_{50}:	9.193 µm		
d_{90}:	82.40 µm		
Specific Surf. Area	11584 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.906	3.801	9.193	35.07	82.40

363#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	11.0	500.0	100
5.000	32.5	1000	100
10.00	51.9	2000	100
15.00	58.8		
20.00	64.0		
25.00	68.5		
50.00	80.6		
60.00	83.8		
63.00	84.7		
70.00	86.9		
75.00	88.3		
90.00	91.4		
125.0	95.6		
200.0	99.2		
250.0	99.7		
400.0	100.0		



Volume Statistics (Arithmetic) 364.$02

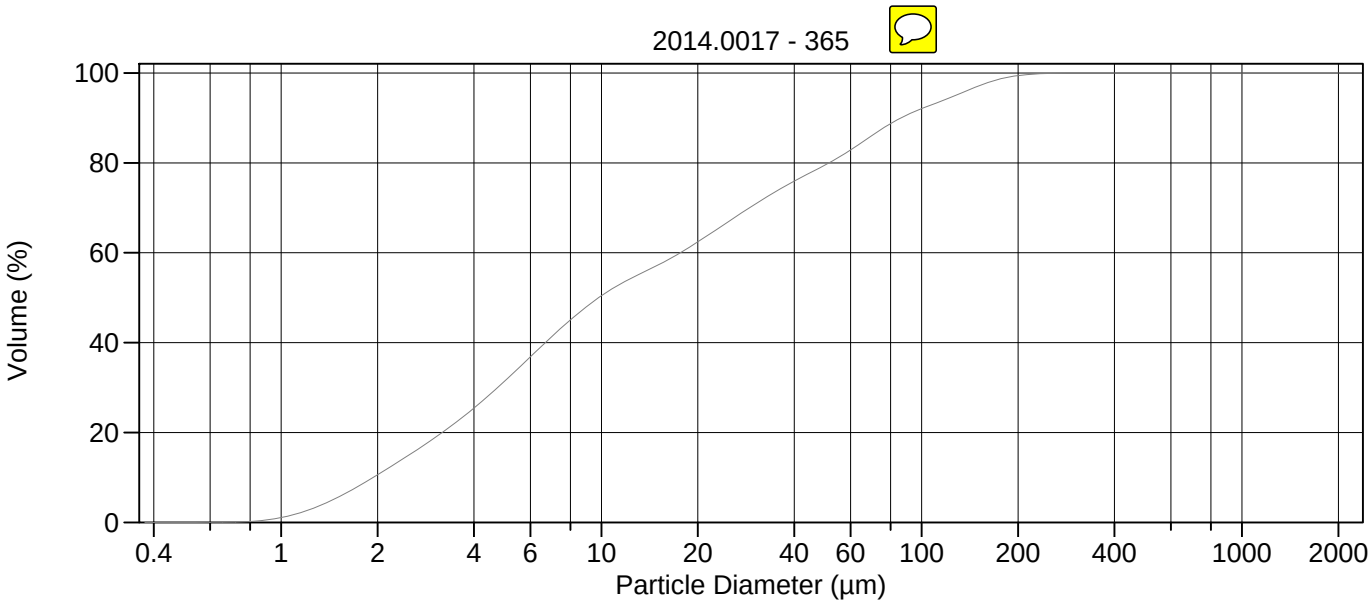
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	35.26 µm	95% Conf. Limits:	0-159.3 µm
Median:	9.544 µm	S.D.:	63.28 µm
D(3,2):	5.289 µm	Variance:	4004 μm^2
Mean/Median Ratio:	3.694	C.V.:	179%
Mode:	5.878 µm	Skewness:	4.682 Right skewed
d_{10}:	1.922 µm	Kurtosis:	31.87 Leptokurtic
d_{50}:	9.544 µm		
d_{90}:	100.9 µm		
Specific Surf. Area	11345 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.922	3.880	9.544	40.79	100.9

364.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.8	500.0	99.5
5.000	31.9	1000	100
10.00	51.0	2000	100
15.00	57.6		
20.00	62.6		
25.00	66.8		
50.00	77.8		
60.00	80.7		
63.00	81.6		
70.00	83.8		
75.00	85.1		
90.00	88.4		
125.0	92.9		
200.0	98.5		
250.0	98.9		
400.0	99.2		



Volume Statistics (Arithmetic) 365.$02

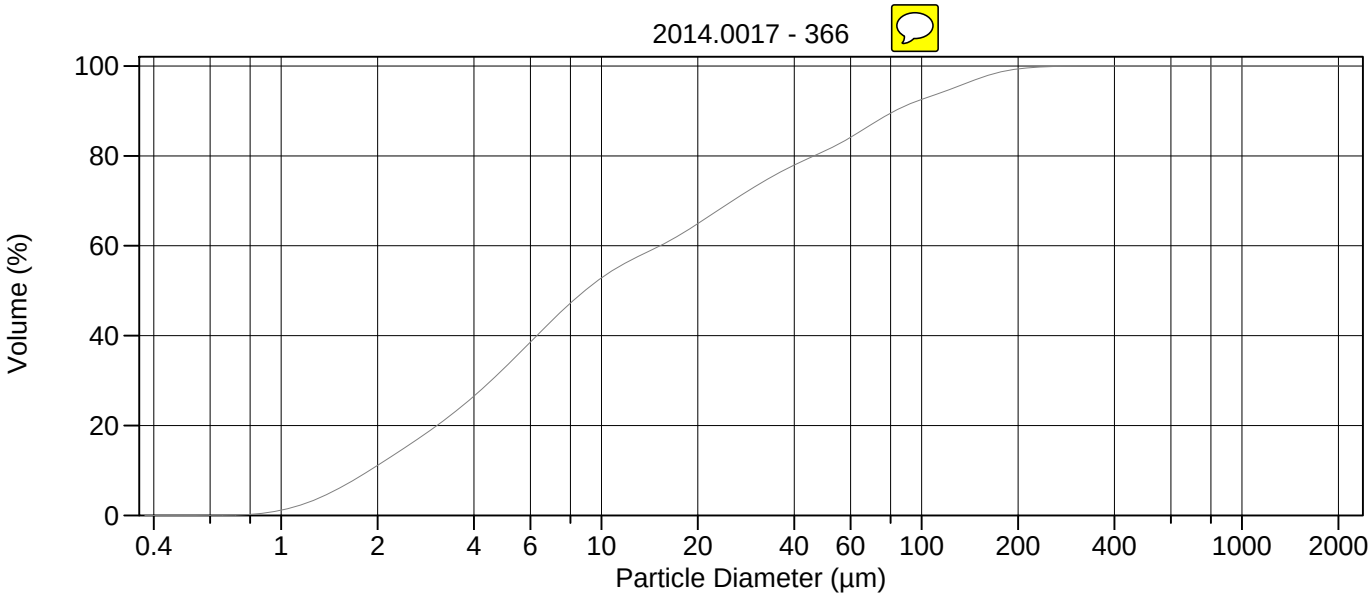
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	29.73 µm	95% Conf. Limits:	0-111.5 µm
Median:	9.792 µm	S.D.:	41.74 µm
D(3,2):	5.323 µm	Variance:	1742 μm^2
Mean/Median Ratio:	3.036	C.V.:	140%
Mode:	5.878 µm	Skewness:	2.184 Right skewed
d_{10}:	1.940 µm	Kurtosis:	4.989 Leptokurtic
d_{50}:	9.792 µm		
d_{90}:	86.14 µm		
Specific Surf. Area	11271 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.940	3.931	9.792	37.86	86.14

365.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.6	500.0	100
5.000	31.5	1000	100
10.00	50.4	2000	100
15.00	57.2		
20.00	62.4		
25.00	67.0		
50.00	79.5		
60.00	82.9		
63.00	83.9		
70.00	86.1		
75.00	87.5		
90.00	90.7		
125.0	94.7		
200.0	99.4		
250.0	99.9		
400.0	100		



Volume Statistics (Arithmetic) 366.$02

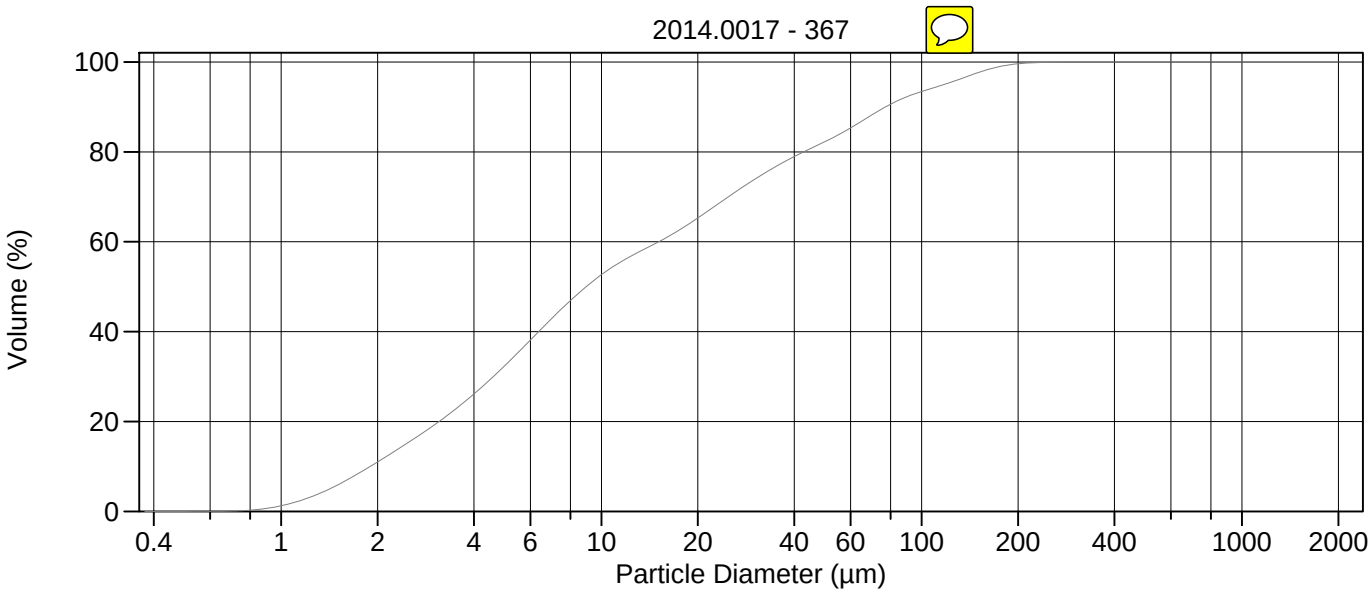
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	28.15 µm	95% Conf. Limits:	0-109.1 µm
Median:	8.869 µm	S.D.:	41.31 µm
D(3,2):	5.109 µm	Variance:	1706 μm^2
Mean/Median Ratio:	3.174	C.V.:	147%
Mode:	5.878 µm	Skewness:	2.369 Right skewed
d_{10}:	1.890 µm	Kurtosis:	6.121 Leptokurtic
d_{50}:	8.869 µm		
d_{90}:	82.36 µm		
Specific Surf. Area	11743 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.890	3.770	8.869	33.37	82.36

366.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	11.1	500.0	100
5.000	32.9	1000	100
10.00	52.8	2000	100
15.00	59.7		
20.00	64.9		
25.00	69.5		
50.00	81.1		
60.00	84.1		
63.00	85.0		
70.00	87.1		
75.00	88.4		
90.00	91.3		
125.0	95.0		
200.0	99.3		
250.0	99.9		
400.0	100		



Volume Statistics (Arithmetic) 367.$02

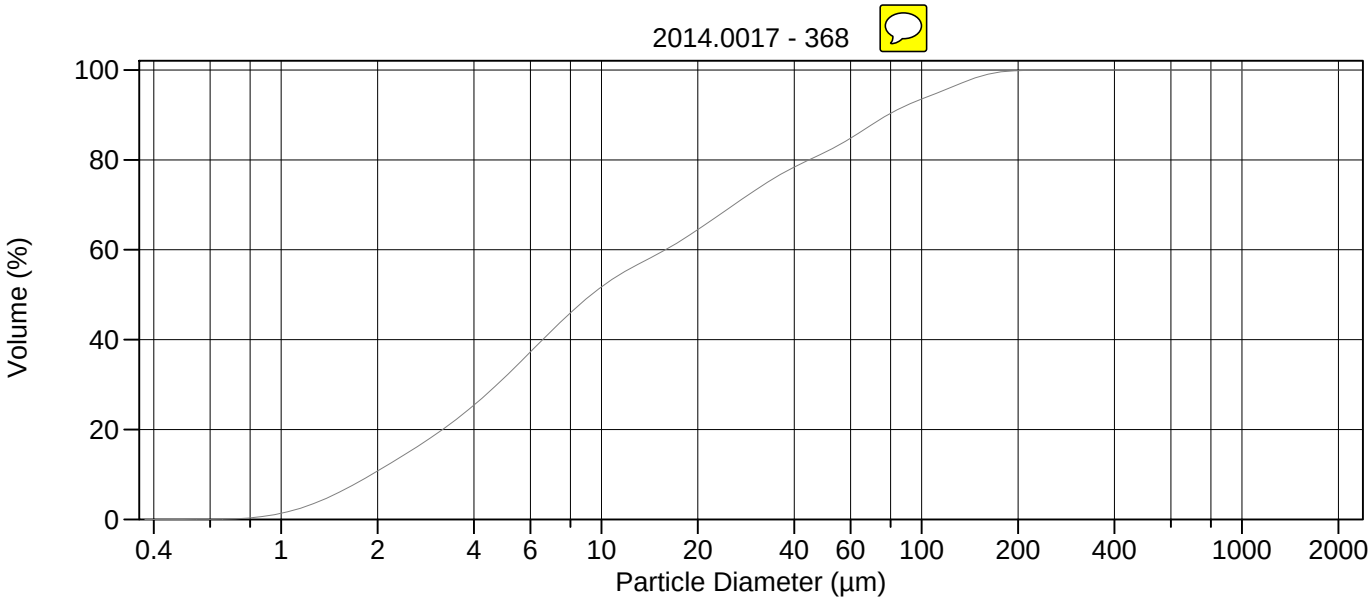
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	26.75 µm	95% Conf. Limits:	0-102.6 µm
Median:	8.949 µm	S.D.:	38.68 µm
D(3,2):	5.119 µm	Variance:	1496 μm^2
Mean/Median Ratio:	2.990	C.V.:	145%
Mode:	5.878 µm	Skewness:	2.371 Right skewed
d_{10}:	1.899 µm	Kurtosis:	6.088 Leptokurtic
d_{50}:	8.949 µm		
d_{90}:	77.03 µm		
Specific Surf. Area	11722 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.899	3.829	8.949	31.89	77.03

367.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	11.0	500.0	100
5.000	32.5	1000	100
10.00	52.7	2000	100
15.00	59.9		
20.00	65.3		
25.00	70.1		
50.00	82.3		
60.00	85.3		
63.00	86.2		
70.00	88.3		
75.00	89.5		
90.00	92.3		
125.0	95.6		
200.0	99.6		
250.0	99.9		
400.0	100		



Volume Statistics (Arithmetic) 368#.$02

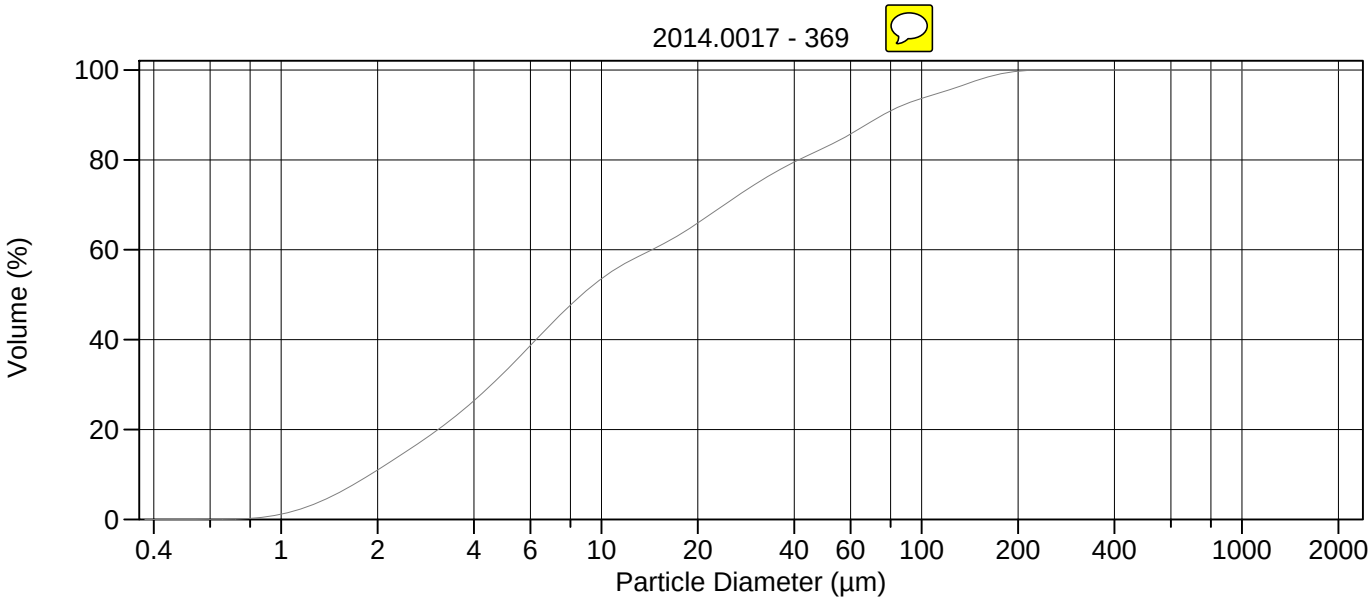
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	26.63 µm	95% Conf. Limits:	0-98.53 µm
Median:	9.311 µm	S.D.:	36.68 µm
D(3,2):	5.191 µm	Variance:	1346 μm^2
Mean/Median Ratio:	2.860	C.V.:	138%
Mode:	5.878 µm	Skewness:	2.136 Right skewed
d_{10}:	1.919 µm	Kurtosis:	4.702 Leptokurtic
d_{50}:	9.311 µm		
d_{90}:	78.35 µm		
Specific Surf. Area	11558 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.919	3.933	9.311	32.95	78.35

368#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.8	500.0	100
5.000	31.7	1000	100
10.00	51.7	2000	100
15.00	59.1		
20.00	64.5		
25.00	69.3		
50.00	81.7		
60.00	84.8		
63.00	85.8		
70.00	87.9		
75.00	89.2		
90.00	92.2		
125.0	96.3		
200.0	99.9		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 369.$02

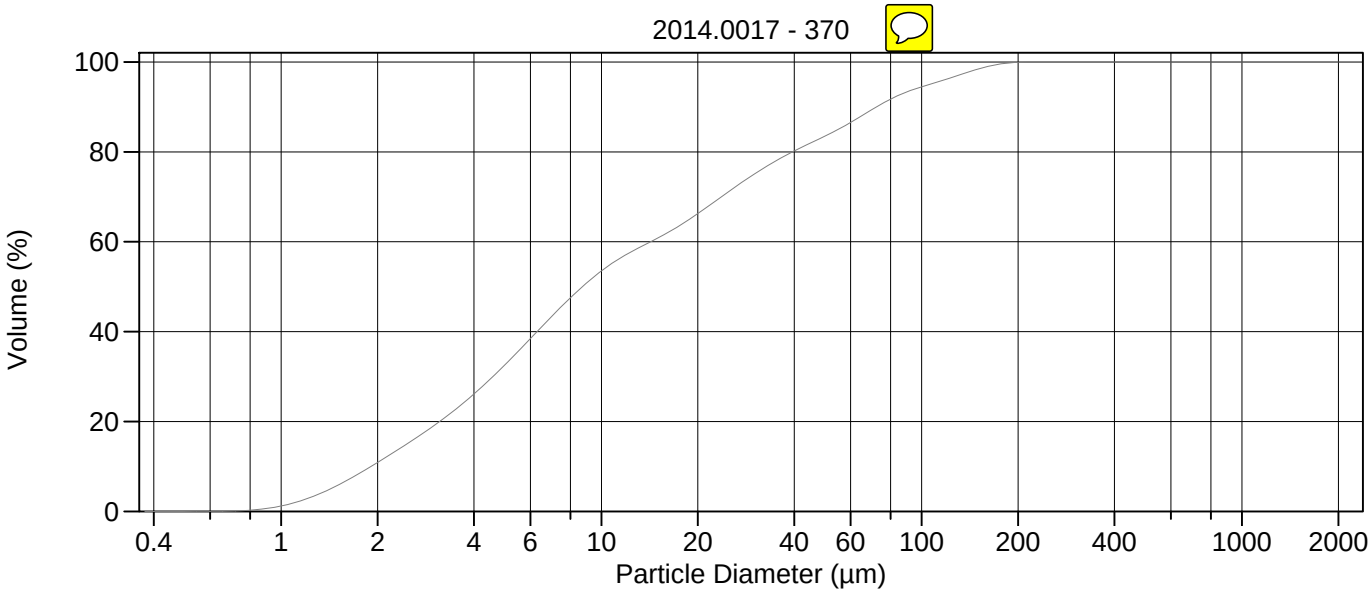
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	26.08 µm	95% Conf. Limits:	0-99.96 µm
Median:	8.695 µm	S.D.:	37.70 µm
D(3,2):	5.092 µm	Variance:	1421 μm^2
Mean/Median Ratio:	2.999	C.V.:	145%
Mode:	5.878 µm	Skewness:	2.325 Right skewed
d_{10}:	1.901 µm	Kurtosis:	5.543 Leptokurtic
d_{50}:	8.695 µm		
d_{90}:	75.58 µm		
Specific Surf. Area	11783 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.901	3.793	8.695	30.91	75.58

369.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	11.0	500.0	100
5.000	32.9	1000	100
10.00	53.5	2000	100
15.00	60.7		
20.00	66.0		
25.00	70.7		
50.00	82.8		
60.00	85.8		
63.00	86.6		
70.00	88.6		
75.00	89.9		
90.00	92.5		
125.0	95.8		
200.0	99.7		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 370.$02

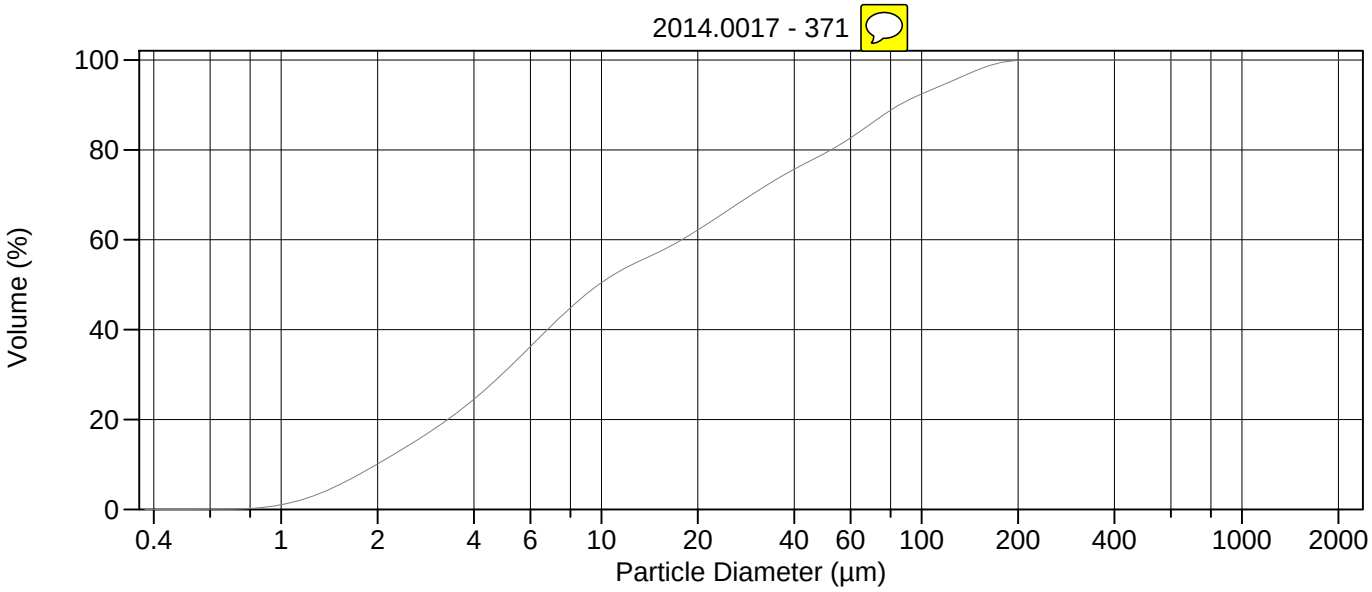
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	24.86 µm	95% Conf. Limits:	0-93.51 µm
Median:	8.722 µm	S.D.:	35.02 µm
D(3,2):	5.101 µm	Variance:	1227 μm^2
Mean/Median Ratio:	2.851	C.V.:	141%
Mode:	5.878 µm	Skewness:	2.264 Right skewed
d_{10}:	1.910 µm	Kurtosis:	5.198 Leptokurtic
d_{50}:	8.722 µm		
d_{90}:	72.22 µm		
Specific Surf. Area	11763 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.910	3.834	8.722	29.92	72.22

370.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.9	500.0	100
5.000	32.6	1000	100
10.00	53.5	2000	100
15.00	60.8		
20.00	66.3		
25.00	71.2		
50.00	83.5		
60.00	86.6		
63.00	87.5		
70.00	89.5		
75.00	90.7		
90.00	93.3		
125.0	96.6		
200.0	99.9		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 371.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	29.06 µm	95% Conf. Limits:	0-105.5 µm
Median:	9.787 µm	S.D.:	39.02 µm
D(3,2):	5.434 µm	Variance:	1522 μm^2
Mean/Median Ratio:	2.970	C.V.:	134%
Mode:	5.878 µm	Skewness:	1.931 Right skewed
d_{10}:	1.988 µm	Kurtosis:	3.352 Leptokurtic
d_{50}:	9.787 µm		
d_{90}:	85.12 µm		
Specific Surf. Area	11041 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.988	4.075	9.787	38.45	85.12

371.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.1	500.0	100
5.000	30.7	1000	100
10.00	50.4	2000	100
15.00	57.2		
20.00	62.2		
25.00	66.7		
50.00	79.3		
60.00	82.7		
63.00	83.7		
70.00	86.0		
75.00	87.5		
90.00	90.9		
125.0	95.4		
200.0	99.9		
250.0	100.0		
400.0	100		

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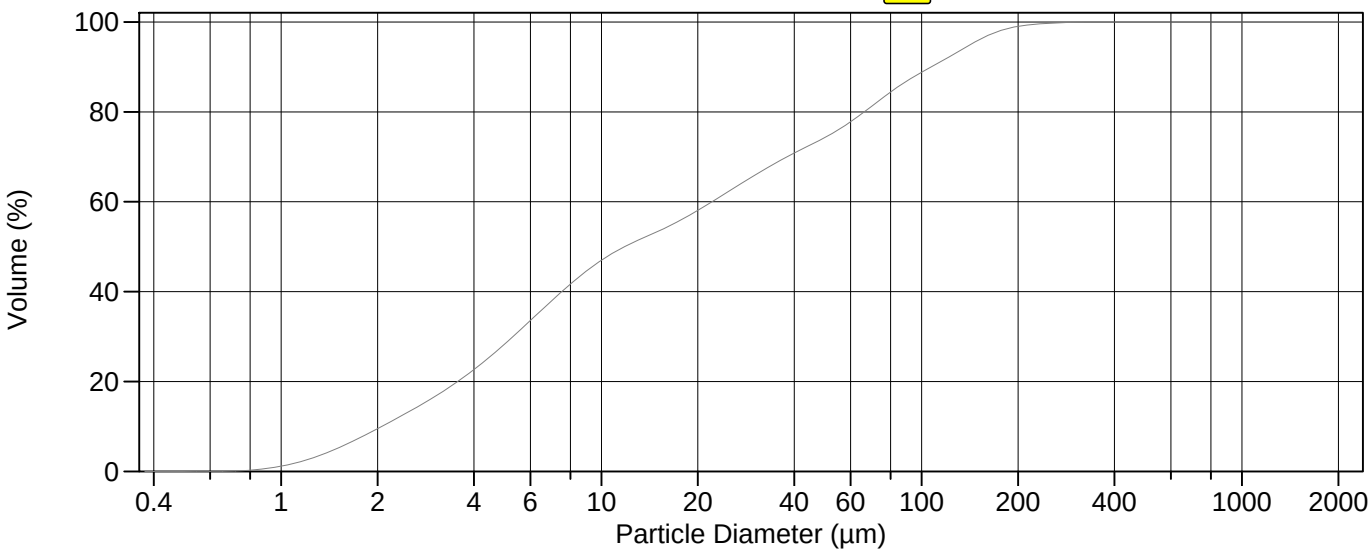

Volume Statistics (Arithmetic) 372.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	35.66 µm	95% Conf. Limits:	0-129.1 µm
Median:	11.79 µm	S.D.:	47.66 µm
D(3,2):	5.767 µm	Variance:	2271 μm^2
Mean/Median Ratio:	3.024	C.V.:	134%
Mode:	5.878 µm	Skewness:	1.938 Right skewed
d_{10}:	2.061 µm	Kurtosis:	3.937 Leptokurtic
d_{50}:	11.79 µm		
d_{90}:	107.1 µm		
Specific Surf. Area	10405 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.061	4.401	11.79	51.94	107.1

372.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.52	500.0	100
5.000	28.4	1000	100
10.00	47.0	2000	100
15.00	53.4		
20.00	58.1		
25.00	62.4		
50.00	74.4		
60.00	77.8		
63.00	78.9		
70.00	81.3		
75.00	83.0		
90.00	86.9		
125.0	92.7		
200.0	99.0		
250.0	99.7		
400.0	100.0		

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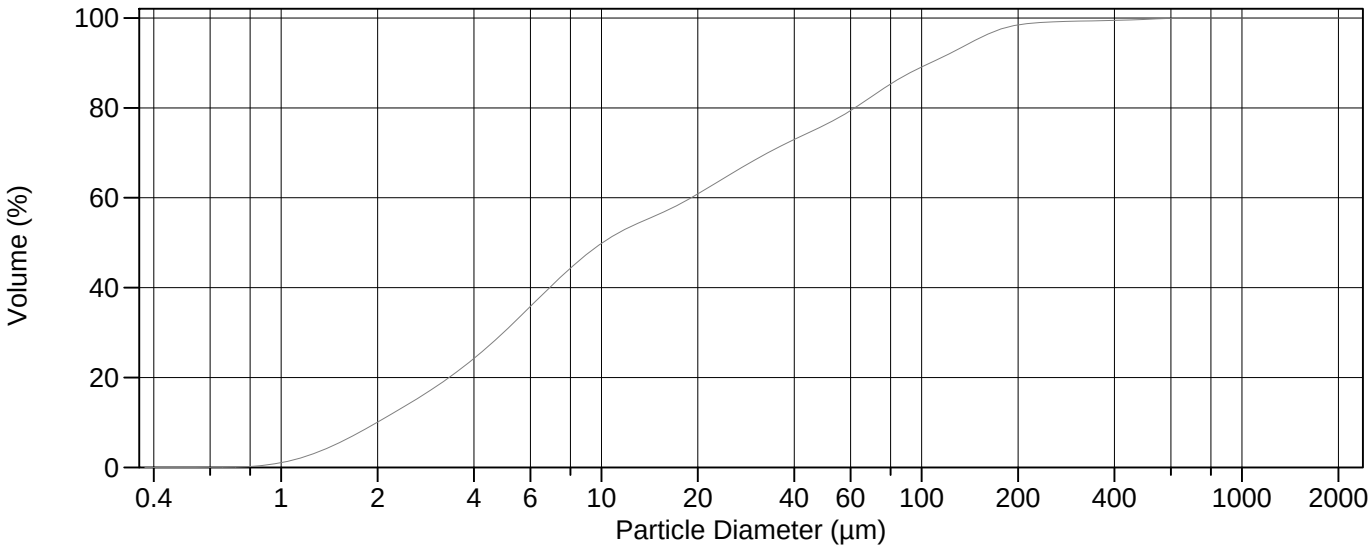


Volume Statistics (Arithmetic) 373.$02

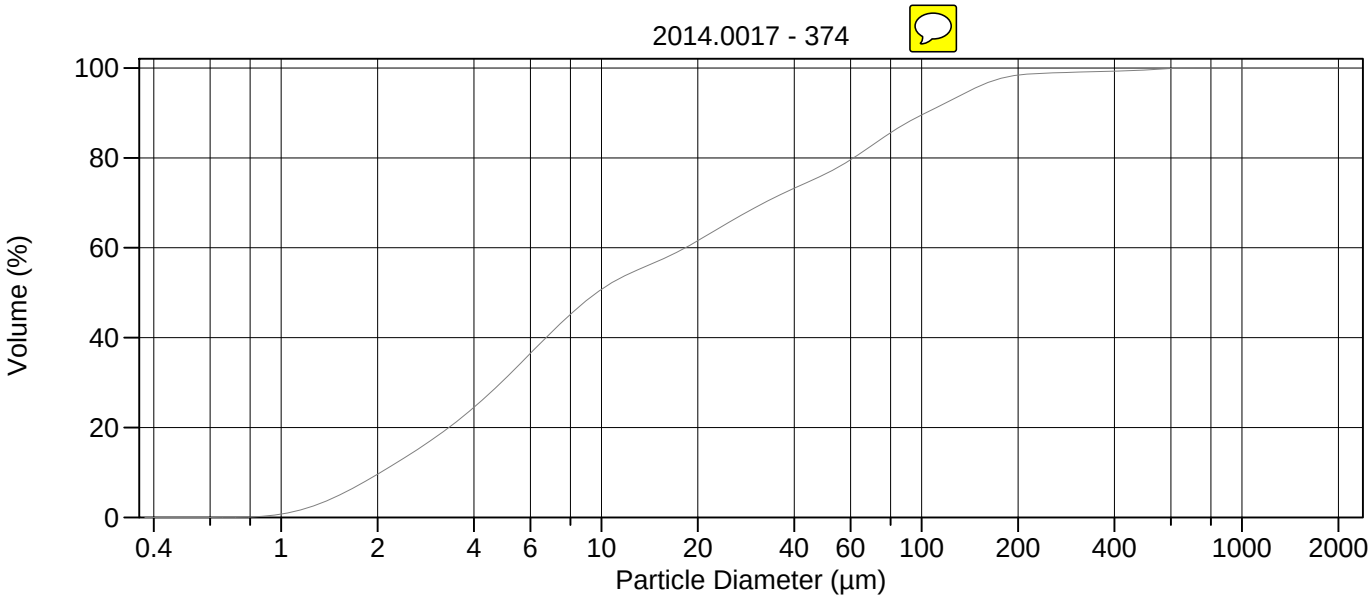
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	36.21 µm	95% Conf. Limits:	0-153.1 µm
Median:	10.09 µm	S.D.:	59.66 µm
D(3,2):	5.509 µm	Variance:	3559 μm^2
Mean/Median Ratio:	3.591	C.V.:	165%
Mode:	5.878 µm	Skewness:	4.069 Right skewed
d_{10}:	1.994 µm	Kurtosis:	26.27 Leptokurtic
d_{50}:	10.09 µm		
d_{90}:	106.5 µm		
Specific Surf. Area	10892 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.994	4.121	10.09	46.00	106.5

373.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.1	500.0	99.7
5.000	30.3	1000	100
10.00	49.8	2000	100
15.00	56.2		
20.00	60.9		
25.00	65.0		
50.00	76.2		
60.00	79.4		
63.00	80.4		
70.00	82.6		
75.00	84.0		
90.00	87.4		
125.0	92.4		
200.0	98.5		
250.0	99.1		
400.0	99.5		



Volume Statistics (Arithmetic) 374.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	36.11 µm	95% Conf. Limits:	0-158.8 µm
Median:	9.673 µm	S.D.:	62.59 µm
D(3,2):	5.568 µm	Variance:	3917 μm^2
Mean/Median Ratio:	3.733	C.V.:	173%
Mode:	5.878 µm	Skewness:	4.492 Right skewed
d_{10}:	2.044 µm	Kurtosis:	30.02 Leptokurtic
d_{50}:	9.673 µm		
d_{90}:	102.9 µm		
Specific Surf. Area	10776 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.044	4.078	9.673	45.38	102.9

374.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.61	500.0	99.6
5.000	30.8	1000	100
10.00	50.7	2000	100
15.00	57.0		
20.00	61.6		
25.00	65.7		
50.00	76.4		
60.00	79.6		
63.00	80.6		
70.00	82.8		
75.00	84.3		
90.00	87.8		
125.0	93.0		
200.0	98.4		
250.0	98.9		
400.0	99.3		

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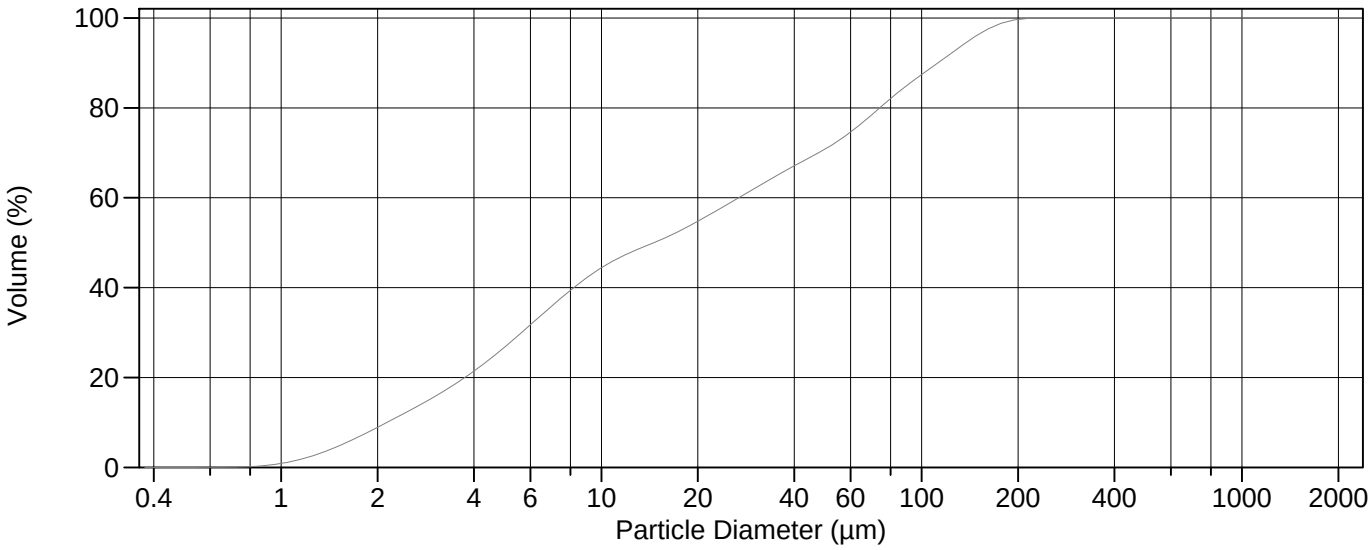


Volume Statistics (Arithmetic) 375.$02

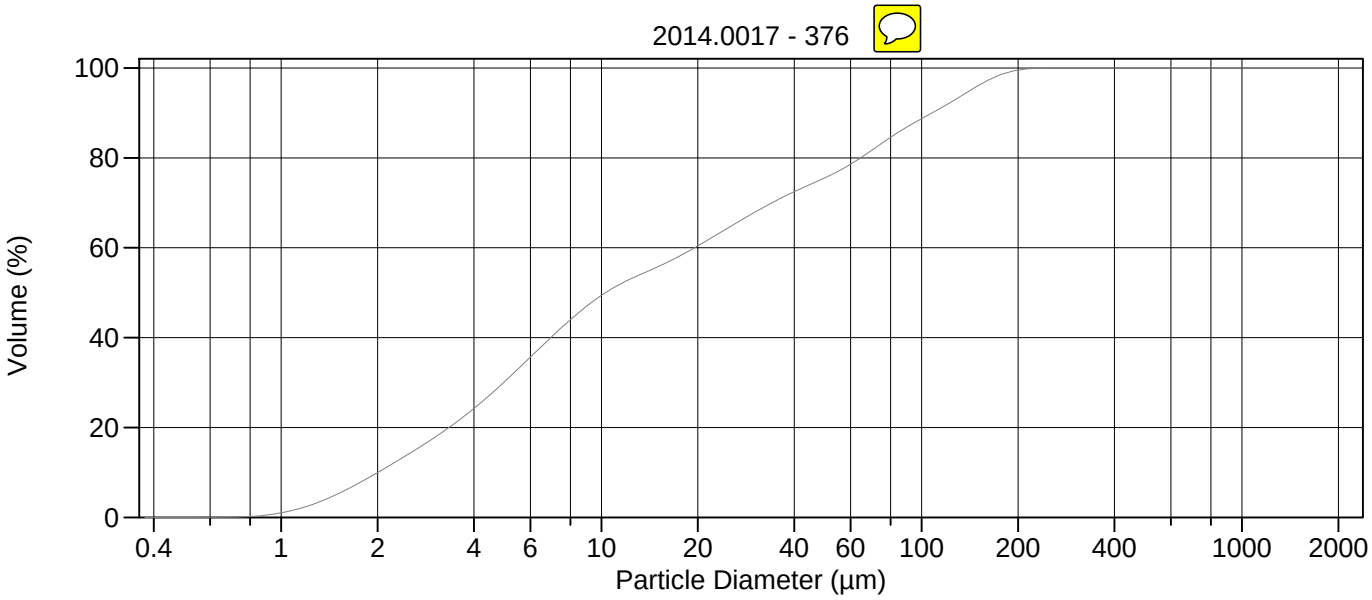
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	38.03 µm	95% Conf. Limits:	0-128.7 µm
Median:	14.58 µm	S.D.:	46.28 µm
D(3,2):	6.137 µm	Variance:	2142 μm^2
Mean/Median Ratio:	2.608	C.V.:	122%
Mode:	6.452 µm	Skewness:	1.456 Right skewed
d_{10}:	2.141 µm	Kurtosis:	1.321 Leptokurtic
d_{50}:	14.58 µm		
d_{90}:	112.4 µm		
Specific Surf. Area	9776 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.141	4.654	14.58	60.97	112.4

375.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.92	500.0	100
5.000	26.8	1000	100
10.00	44.4	2000	100
15.00	50.4		
20.00	54.8		
25.00	58.7		
50.00	70.9		
60.00	74.6		
63.00	75.8		
70.00	78.5		
75.00	80.4		
90.00	85.0		
125.0	92.4		
200.0	99.7		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 376#.$02

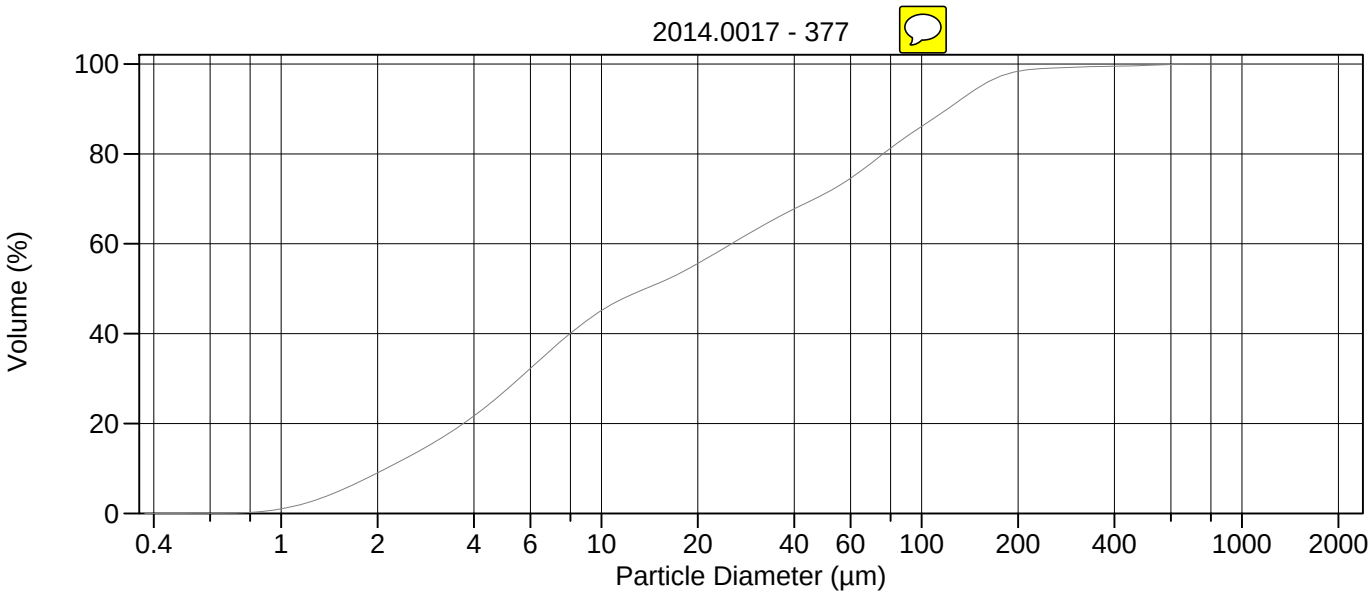
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	34.07 µm	95% Conf. Limits:	0-124.0 µm
Median:	10.32 µm	S.D.:	45.87 µm
D(3,2):	5.545 µm	Variance:	2104 μm^2
Mean/Median Ratio:	3.302	C.V.:	135%
Mode:	5.878 µm	Skewness:	1.744 Right skewed
d_{10}:	2.002 µm	Kurtosis:	2.323 Leptokurtic
d_{50}:	10.32 µm		
d_{90}:	107.8 µm		
Specific Surf. Area	10820 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.002	4.120	10.32	47.95	107.8

376#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.98	500.0	100
5.000	30.3	1000	100
10.00	49.4	2000	100
15.00	55.8		
20.00	60.4		
25.00	64.5		
50.00	75.6		
60.00	78.6		
63.00	79.5		
70.00	81.7		
75.00	83.2		
90.00	86.9		
125.0	92.6		
200.0	99.5		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 377.$02

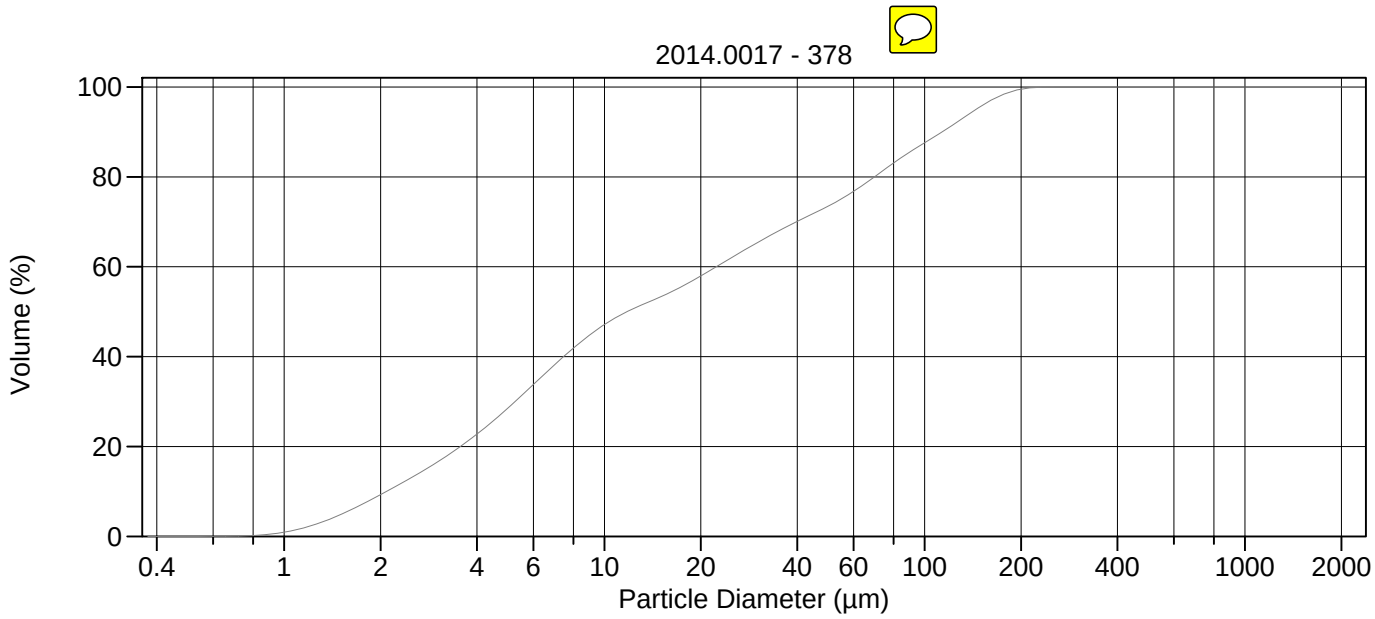
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	41.69 µm	95% Conf. Limits:	0-163.5 µm
Median:	13.73 µm	S.D.:	62.13 µm
D(3,2):	6.037 µm	Variance:	3860 μm^2
Mean/Median Ratio:	3.037	C.V.:	149%
Mode:	5.878 µm	Skewness:	3.651 Right skewed
d_{10}:	2.129 µm	Kurtosis:	22.96 Leptokurtic
d_{50}:	13.73 µm		
d_{90}:	120.5 µm		
Specific Surf. Area	9938 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.129	4.587	13.73	61.24	120.5

377.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.02	500.0	99.7
5.000	27.2	1000	100
10.00	45.1	2000	100
15.00	51.2		
20.00	55.6		
25.00	59.7		
50.00	71.2		
60.00	74.6		
63.00	75.6		
70.00	78.1		
75.00	79.7		
90.00	83.9		
125.0	90.8		
200.0	98.4		
250.0	99.1		
400.0	99.5		



Volume Statistics (Arithmetic) 378.$02

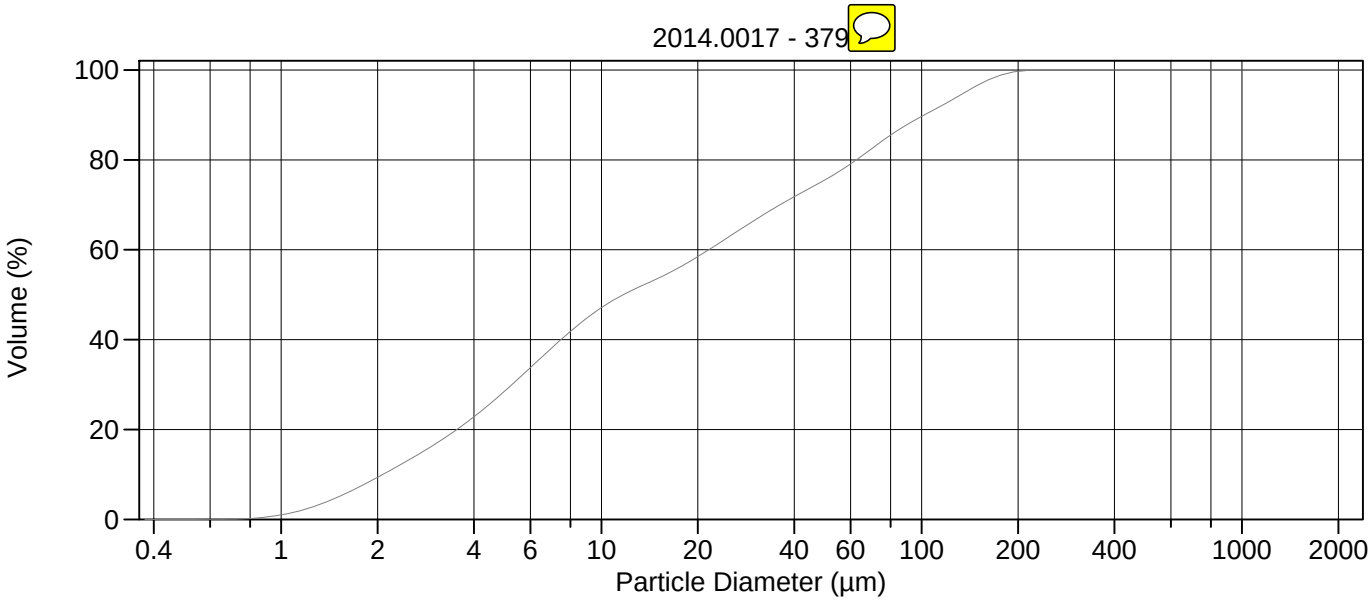
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	36.37 µm	95% Conf. Limits:	0-128.8 µm
Median:	11.76 µm	S.D.:	47.17 µm
D(3,2):	5.839 µm	Variance:	2225 μm^2
Mean/Median Ratio:	3.094	C.V.:	130%
Mode:	5.878 µm	Skewness:	1.623 Right skewed
d_{10}:	2.089 µm	Kurtosis:	1.858 Leptokurtic
d_{50}:	11.76 µm		
d_{90}:	113.3 µm		
Specific Surf. Area	10276 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.089	4.377	11.76	54.66	113.3

378.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.28	500.0	100
5.000	28.6	1000	100
10.00	47.1	2000	100
15.00	53.3		
20.00	57.9		
25.00	62.1		
50.00	73.5		
60.00	76.8		
63.00	77.8		
70.00	80.1		
75.00	81.7		
90.00	85.6		
125.0	92.0		
200.0	99.5		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 379.$02

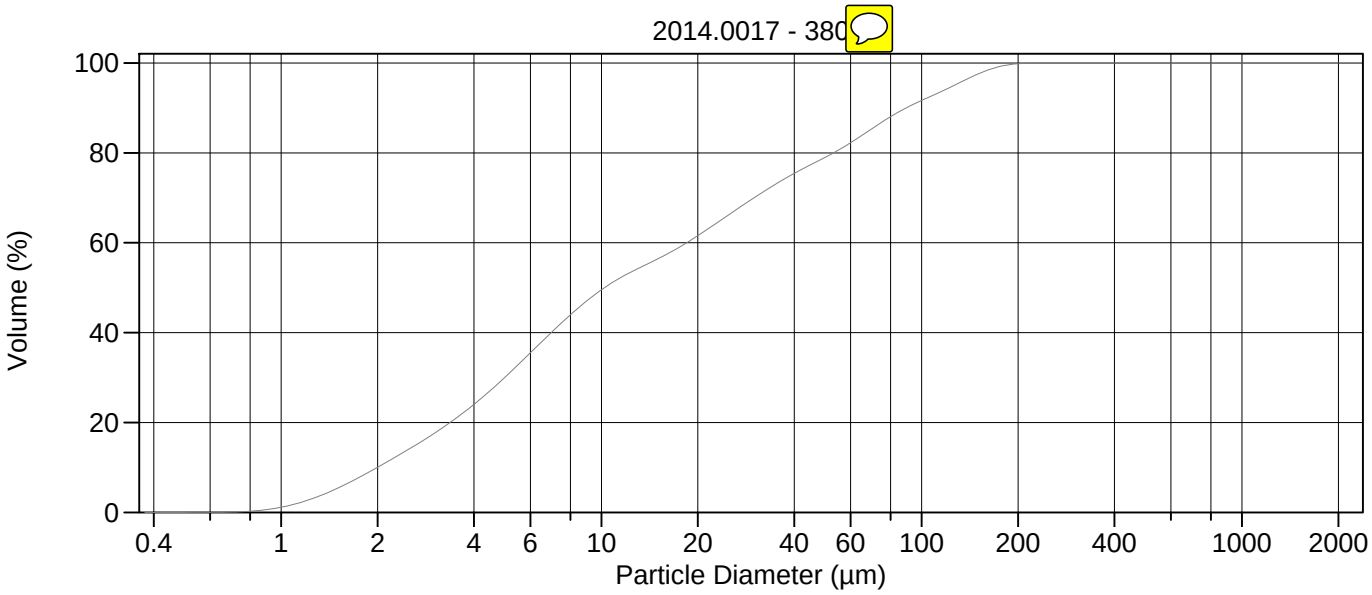
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	33.74 µm	95% Conf. Limits:	0-119.7 µm
Median:	11.70 µm	S.D.:	43.84 µm
D(3,2):	5.791 µm	Variance:	1922 μm^2
Mean/Median Ratio:	2.884	C.V.:	130%
Mode:	5.878 µm	Skewness:	1.734 Right skewed
d_{10}:	2.079 µm	Kurtosis:	2.394 Leptokurtic
d_{50}:	11.70 µm		
d_{90}:	101.9 µm		
Specific Surf. Area	10360 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.079	4.367	11.70	48.36	101.9

379.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.36	500.0	100
5.000	28.6	1000	100
10.00	47.1	2000	100
15.00	53.6		
20.00	58.5		
25.00	62.9		
50.00	75.6		
60.00	79.1		
63.00	80.2		
70.00	82.6		
75.00	84.1		
90.00	87.8		
125.0	93.4		
200.0	99.7		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 380.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	29.97 µm	95% Conf. Limits:	0-108.9 µm
Median:	10.24 µm	S.D.:	40.29 µm
D(3,2):	5.482 µm	Variance:	1623 μm^2
Mean/Median Ratio:	2.927	C.V.:	134%
Mode:	5.878 µm	Skewness:	1.916 Right skewed
d_{10}:	1.996 µm	Kurtosis:	3.228 Leptokurtic
d_{50}:	10.24 µm		
d_{90}:	89.56 µm		
Specific Surf. Area	10946 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.996	4.156	10.24	39.02	89.56

380.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.0	500.0	100
5.000	30.1	1000	100
10.00	49.5	2000	100
15.00	56.4		
20.00	61.6		
25.00	66.2		
50.00	79.0		
60.00	82.2		
63.00	83.2		
70.00	85.4		
75.00	86.8		
90.00	90.1		
125.0	94.9		
200.0	99.8		
250.0	100.0		
400.0	100		

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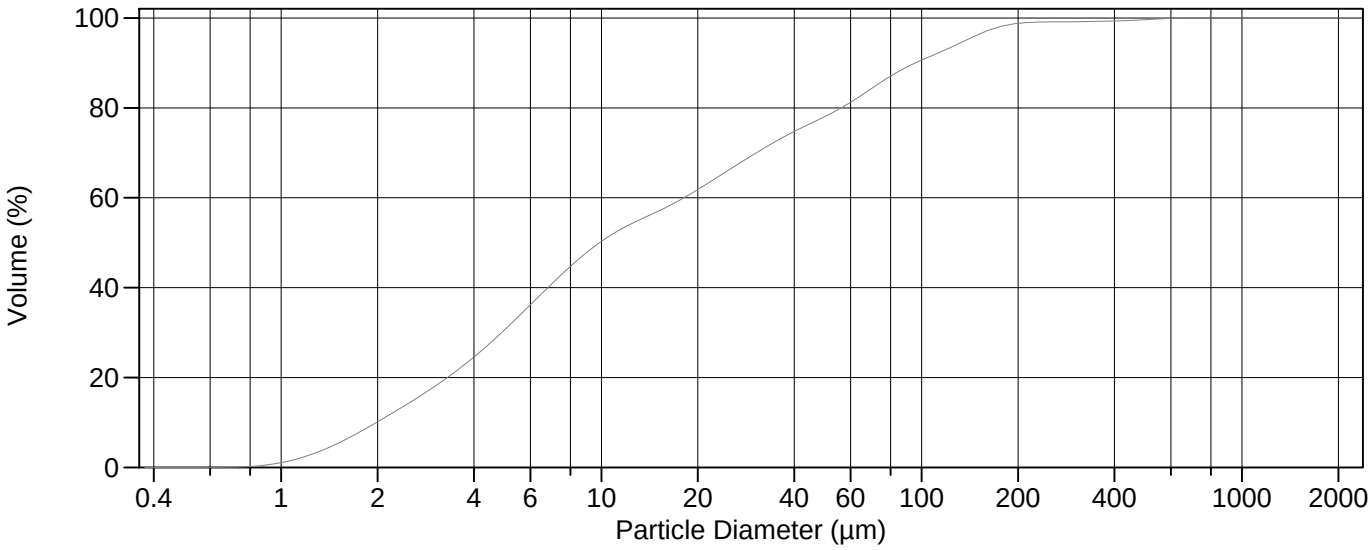


Volume Statistics (Arithmetic) 381.$02

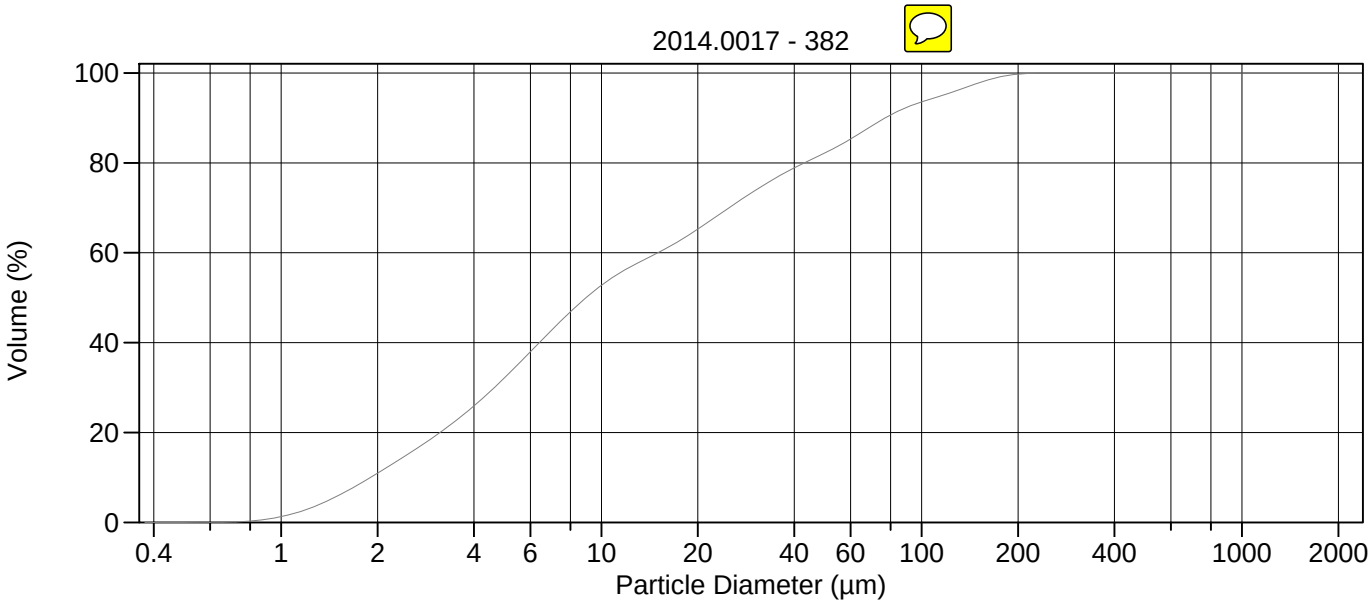
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	34.07 µm	95% Conf. Limits:	0-150.1 µm
Median:	9.855 µm	S.D.:	59.19 µm
D(3,2):	5.447 µm	Variance:	3503 μm^2
Mean/Median Ratio:	3.458	C.V.:	174%
Mode:	5.878 µm	Skewness:	4.714 Right skewed
d_{10}:	1.986 µm	Kurtosis:	33.32 Leptokurtic
d_{50}:	9.855 µm		
d_{90}:	95.60 µm		
Specific Surf. Area	11016 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.986	4.070	9.855	40.64	95.60

381.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.1	500.0	99.6
5.000	30.7	1000	100
10.00	50.3	2000	100
15.00	57.0		
20.00	61.8		
25.00	66.2		
50.00	78.1		
60.00	81.2		
63.00	82.2		
70.00	84.4		
75.00	85.8		
90.00	89.1		
125.0	93.7		
200.0	98.8		
250.0	99.1		
400.0	99.3		



Volume Statistics (Arithmetic) 382.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	26.56 µm	95% Conf. Limits:	0-100.8 µm
Median:	8.941 µm	S.D.:	37.89 µm
D(3,2):	5.127 µm	Variance:	1436 μm^2
Mean/Median Ratio:	2.971	C.V.:	143%
Mode:	5.878 µm	Skewness:	2.266 Right skewed
d_{10}:	1.902 µm	Kurtosis:	5.207 Leptokurtic
d_{50}:	8.941 µm		
d_{90}:	76.76 µm		
Specific Surf. Area	11703 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.902	3.858	8.941	32.06	76.76

382.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	11.0	500.0	100
5.000	32.3	1000	100
10.00	52.7	2000	100
15.00	60.0		
20.00	65.3		
25.00	70.0		
50.00	82.2		
60.00	85.3		
63.00	86.2		
70.00	88.3		
75.00	89.6		
90.00	92.4		
125.0	95.8		
200.0	99.7		
250.0	100.0		
400.0	100		

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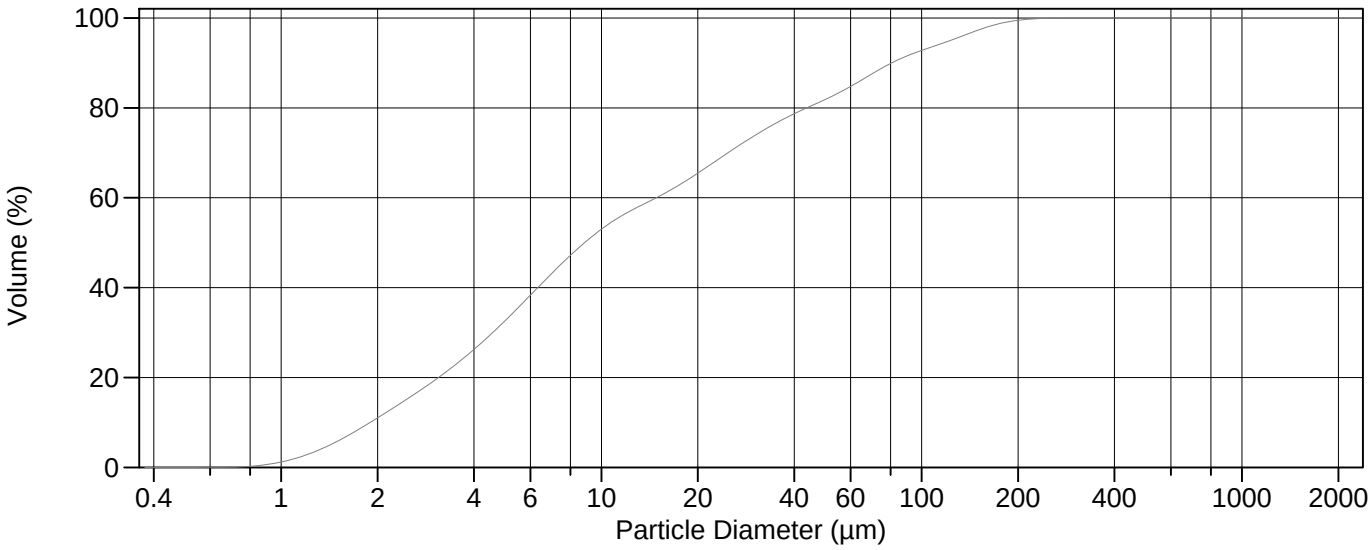


Volume Statistics (Arithmetic) 383.$02

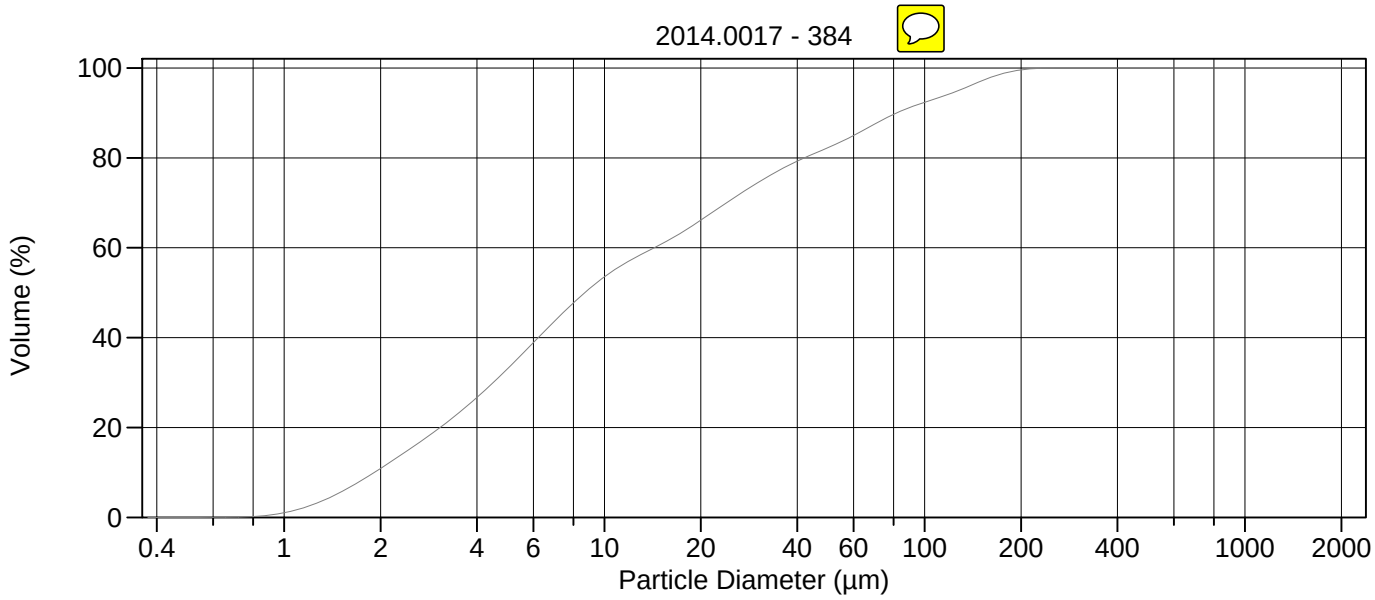
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	27.45 µm	95% Conf. Limits:	0-106.2 µm
Median:	8.851 µm	S.D.:	40.17 µm
D(3,2):	5.119 µm	Variance:	1614 μm^2
Mean/Median Ratio:	3.101	C.V.:	146%
Mode:	5.878 µm	Skewness:	2.335 Right skewed
d_{10}:	1.898 µm	Kurtosis:	5.689 Leptokurtic
d_{50}:	8.851 µm		
d_{90}:	80.65 µm		
Specific Surf. Area	11721 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.898	3.815	8.851	32.06	80.65

383.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	11.0	500.0	100
5.000	32.6	1000	100
10.00	53.0	2000	100
15.00	60.2		
20.00	65.5		
25.00	70.2		
50.00	81.9		
60.00	84.8		
63.00	85.6		
70.00	87.6		
75.00	88.8		
90.00	91.6		
125.0	95.2		
200.0	99.5		
250.0	99.9		
400.0	100		



Volume Statistics (Arithmetic) 384.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	27.37 µm	95% Conf. Limits:	0-106.8 µm
Median:	8.688 µm	S.D.:	40.52 µm
D(3,2):	5.110 µm	Variance:	1642 μm^2
Mean/Median Ratio:	3.150	C.V.:	148%
Mode:	5.878 µm	Skewness:	2.285 Right skewed
d_{10}:	1.913 µm	Kurtosis:	5.054 Leptokurtic
d_{50}:	8.688 µm		
d_{90}:	81.77 µm		
Specific Surf. Area	11742 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.913	3.756	8.688	30.99	81.77

384.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.9	500.0	100
5.000	33.2	1000	100
10.00	53.5	2000	100
15.00	60.8		
20.00	66.1		
25.00	70.8		
50.00	82.3		
60.00	85.0		
63.00	85.8		
70.00	87.6		
75.00	88.7		
90.00	91.2		
125.0	94.8		
200.0	99.6		
250.0	100.0		
400.0	100		

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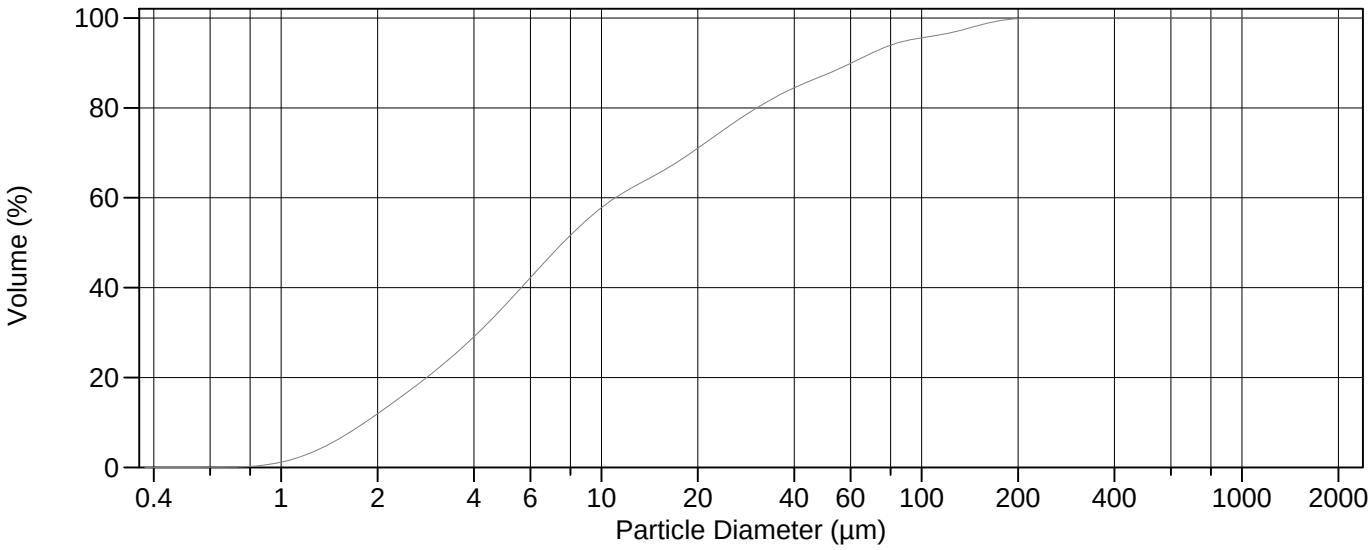

Volume Statistics (Arithmetic) 385.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	21.48 µm	95% Conf. Limits:	0-86.24 µm
Median:	7.593 µm	S.D.:	33.04 µm
D(3,2):	4.729 µm	Variance:	1092 μm^2
Mean/Median Ratio:	2.829	C.V.:	154%
Mode:	5.878 µm	Skewness:	2.793 Right skewed
d_{10}:	1.826 µm	Kurtosis:	8.516 Leptokurtic
d_{50}:	7.593 µm		
d_{90}:	60.41 µm		
Specific Surf. Area	12687 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.826	3.463	7.593	23.97	60.41

385.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	12.0	500.0	100
5.000	36.0	1000	100
10.00	57.8	2000	100
15.00	65.4		
20.00	71.0		
25.00	75.9		
50.00	87.4		
60.00	89.9		
63.00	90.6		
70.00	92.2		
75.00	93.2		
90.00	95.0		
125.0	96.8		
200.0	99.9		
250.0	100.0		
400.0	100		

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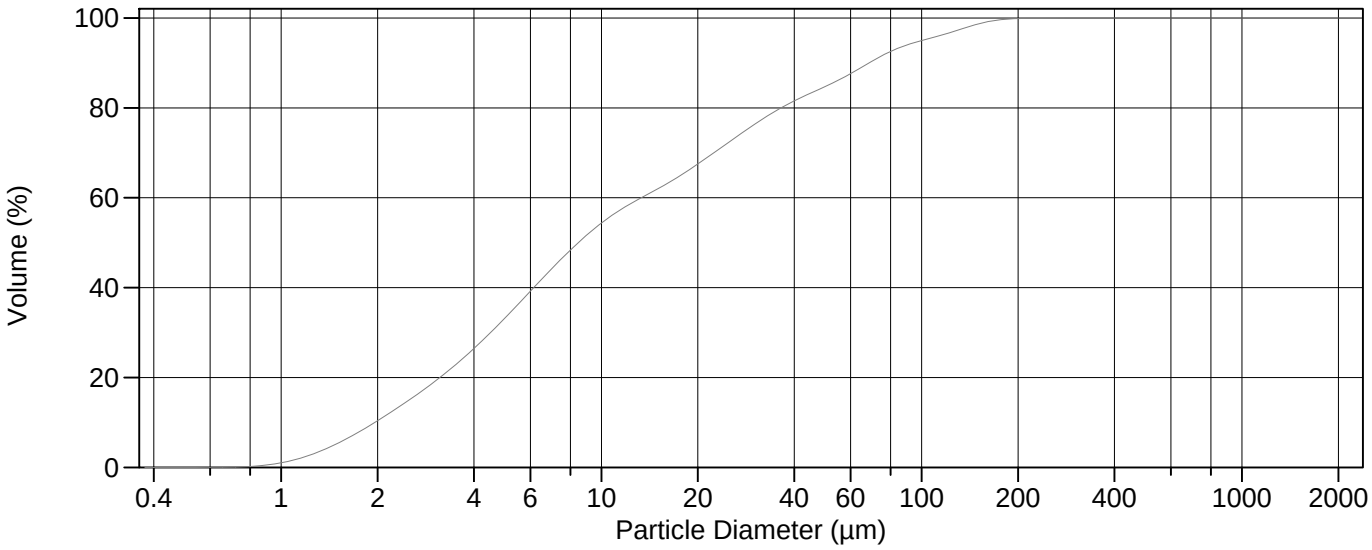


Volume Statistics (Arithmetic) 386#.$02

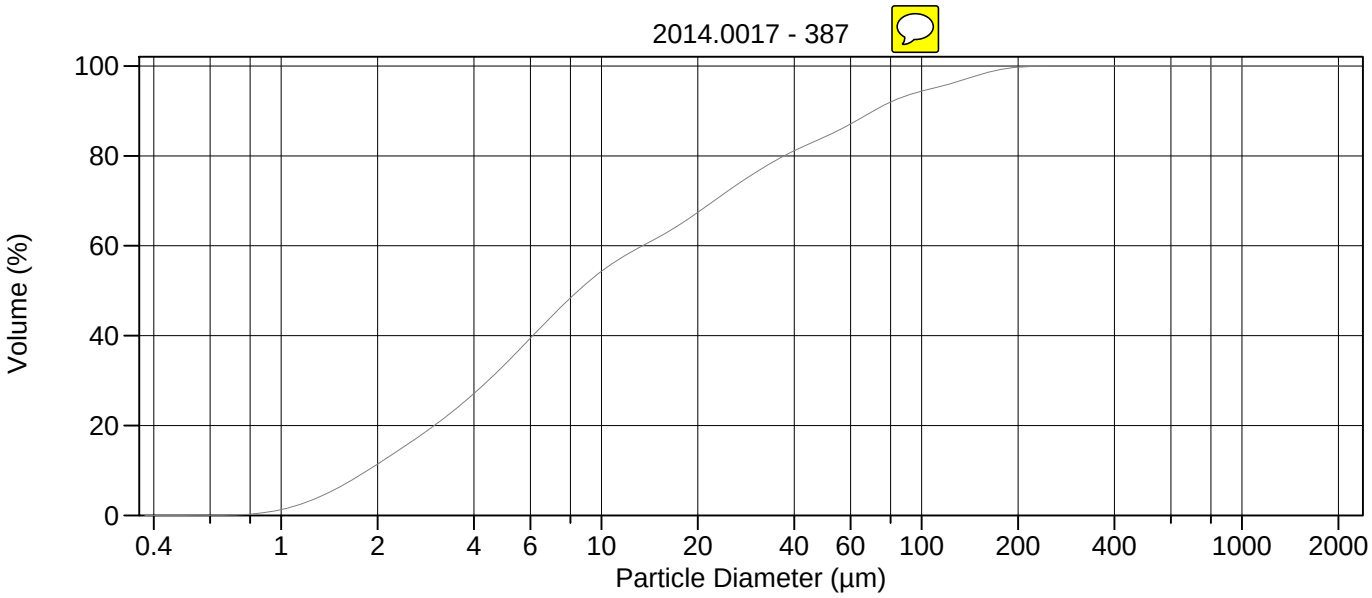
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	23.75 µm	95% Conf. Limits:	0-90.54 µm
Median:	8.475 µm	S.D.:	34.08 µm
D(3,2):	5.121 µm	Variance:	1161 μm^2
Mean/Median Ratio:	2.802	C.V.:	143%
Mode:	5.878 µm	Skewness:	2.486 Right skewed
d_{10}:	1.962 µm	Kurtosis:	7.148 Leptokurtic
d_{50}:	8.475 µm		
d_{90}:	68.48 µm		
Specific Surf. Area	11717 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.962	3.796	8.475	28.25	68.48

386#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.4	500.0	100
5.000	33.2	1000	100
10.00	54.4	2000	100
15.00	62.0		
20.00	67.5		
25.00	72.4		
50.00	84.8		
60.00	87.6		
63.00	88.5		
70.00	90.4		
75.00	91.6		
90.00	94.0		
125.0	96.9		
200.0	99.9		
250.0	99.9		
400.0	100		



Volume Statistics (Arithmetic) 387.$02

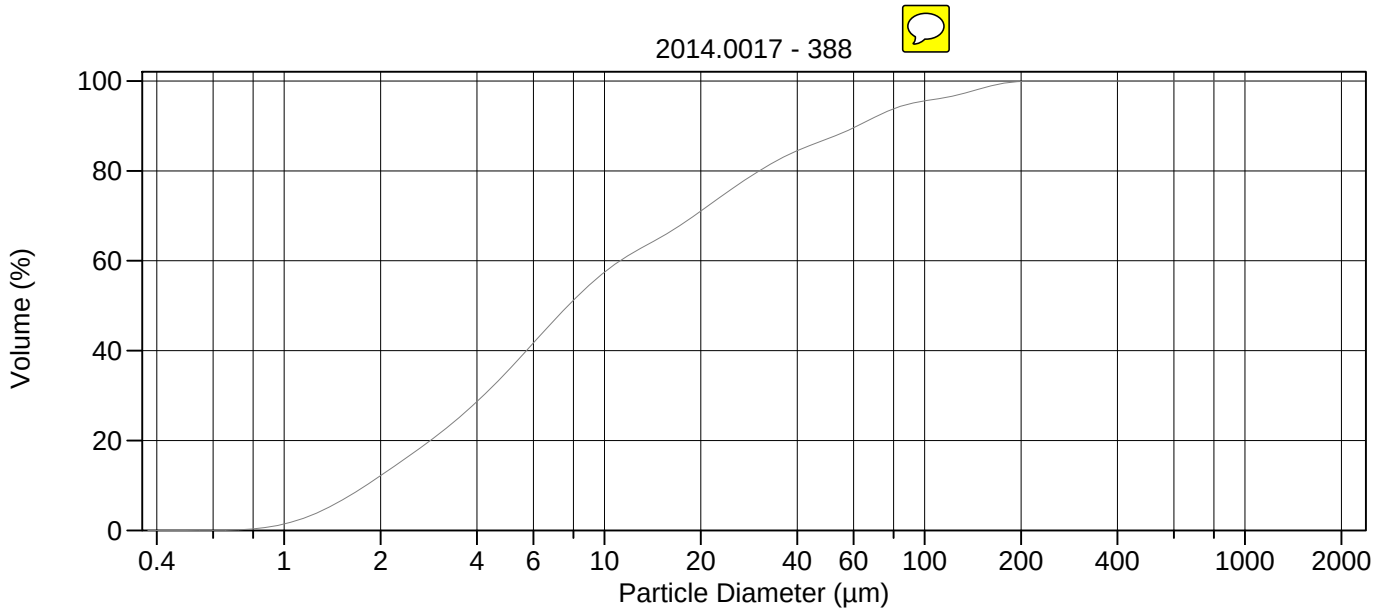
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	24.62 µm	95% Conf. Limits:	0-95.79 µm
Median:	8.471 µm	S.D.:	36.31 µm
D(3,2):	4.961 µm	Variance:	1318 μm^2
Mean/Median Ratio:	2.907	C.V.:	147%
Mode:	5.878 µm	Skewness:	2.495 Right skewed
d_{10}:	1.862 µm	Kurtosis:	6.678 Leptokurtic
d_{50}:	8.471 µm		
d_{90}:	70.69 µm		
Specific Surf. Area	12095 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.862	3.694	8.471	28.38	70.69

387.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	11.4	500.0	100
5.000	33.6	1000	100
10.00	54.3	2000	100
15.00	61.8		
20.00	67.4		
25.00	72.4		
50.00	84.3		
60.00	87.1		
63.00	88.0		
70.00	89.8		
75.00	91.0		
90.00	93.4		
125.0	96.2		
200.0	99.7		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 388.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	21.58 µm	95% Conf. Limits:	0-86.29 µm
Median:	7.705 µm	S.D.:	33.02 µm
D(3,2):	4.698 µm	Variance:	1090 μm^2
Mean/Median Ratio:	2.800	C.V.:	153%
Mode:	5.878 µm	Skewness:	2.742 Right skewed
d_{10}:	1.801 µm	Kurtosis:	8.086 Leptokurtic
d_{50}:	7.705 µm		
d_{90}:	61.64 µm		
Specific Surf. Area	12772 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.801	3.503	7.705	23.90	61.64

388.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	12.2	500.0	100
5.000	35.5	1000	100
10.00	57.4	2000	100
15.00	65.2		
20.00	71.0		
25.00	76.0		
50.00	87.2		
60.00	89.6		
63.00	90.3		
70.00	92.0		
75.00	93.0		
90.00	94.9		
125.0	96.8		
200.0	99.9		
250.0	100.0		
400.0	100		

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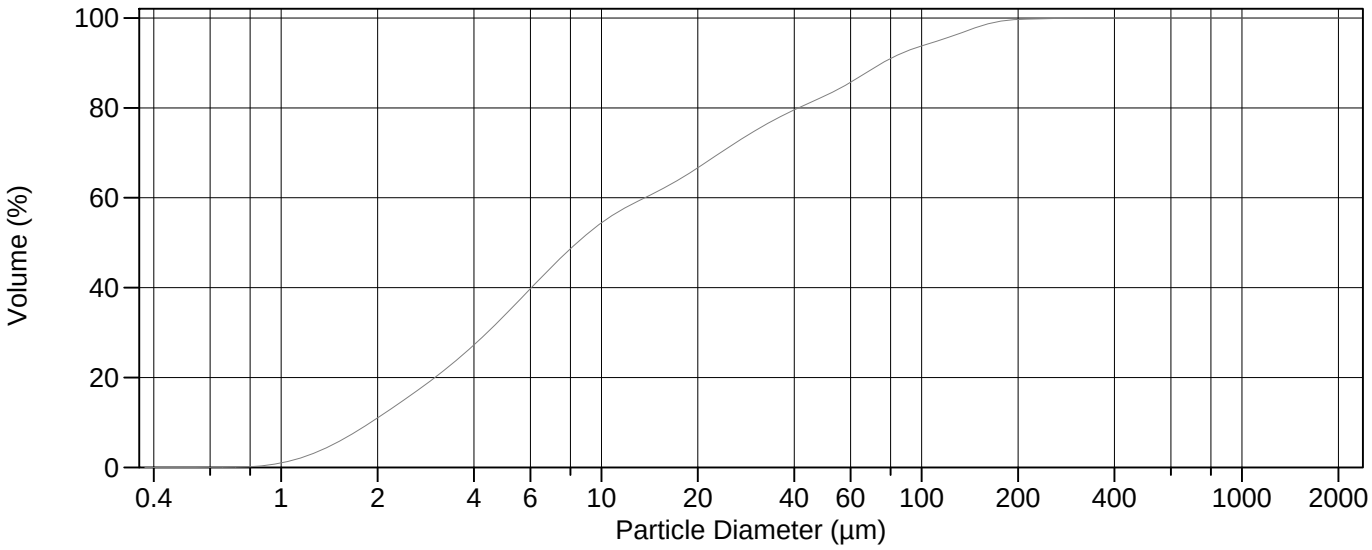

Volume Statistics (Arithmetic) 389.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	25.81 µm	95% Conf. Limits:	0-100.2 µm
Median:	8.402 µm	S.D.:	37.95 µm
D(3,2):	5.046 µm	Variance:	1441 μm^2
Mean/Median Ratio:	3.072	C.V.:	147%
Mode:	5.878 µm	Skewness:	2.505 Right skewed
d_{10}:	1.903 µm	Kurtosis:	7.571 Leptokurtic
d_{50}:	8.402 µm		
d_{90}:	75.39 µm		
Specific Surf. Area	11890 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.903	3.682	8.402	30.33	75.39

389.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	11.0	500.0	100
5.000	33.9	1000	100
10.00	54.4	2000	100
15.00	61.4		
20.00	66.7		
25.00	71.3		
50.00	82.7		
60.00	85.7		
63.00	86.6		
70.00	88.6		
75.00	89.9		
90.00	92.6		
125.0	96.0		
200.0	99.7		
250.0	99.9		
400.0	100.0		

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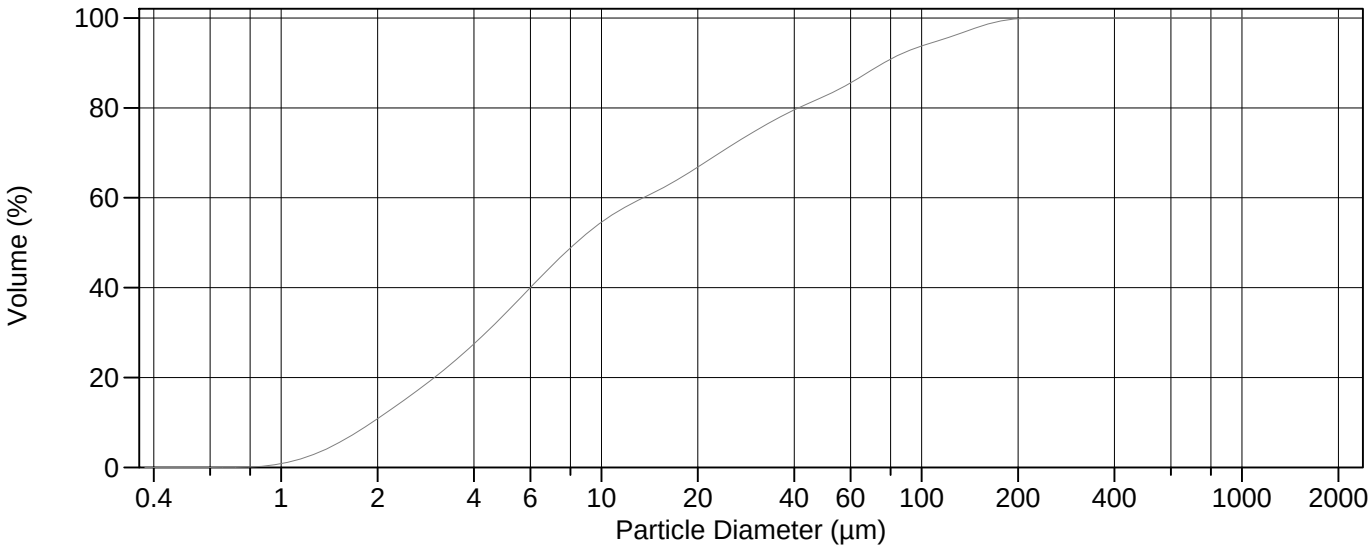

Volume Statistics (Arithmetic) 390.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	25.70 µm	95% Conf. Limits:	0-98.53 µm
Median:	8.342 µm	S.D.:	37.16 µm
D(3,2):	5.074 µm	Variance:	1381 μm^2
Mean/Median Ratio:	3.080	C.V.:	145%
Mode:	5.878 µm	Skewness:	2.257 Right skewed
d_{10}:	1.922 µm	Kurtosis:	5.066 Leptokurtic
d_{50}:	8.342 µm		
d_{90}:	76.00 µm		
Specific Surf. Area	11824 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.922	3.659	8.342	30.43	76.00

390.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.8	500.0	100
5.000	34.2	1000	100
10.00	54.6	2000	100
15.00	61.6		
20.00	66.8		
25.00	71.3		
50.00	82.7		
60.00	85.6		
63.00	86.5		
70.00	88.5		
75.00	89.7		
90.00	92.6		
125.0	96.0		
200.0	99.8		
250.0	100.0		
400.0	100		

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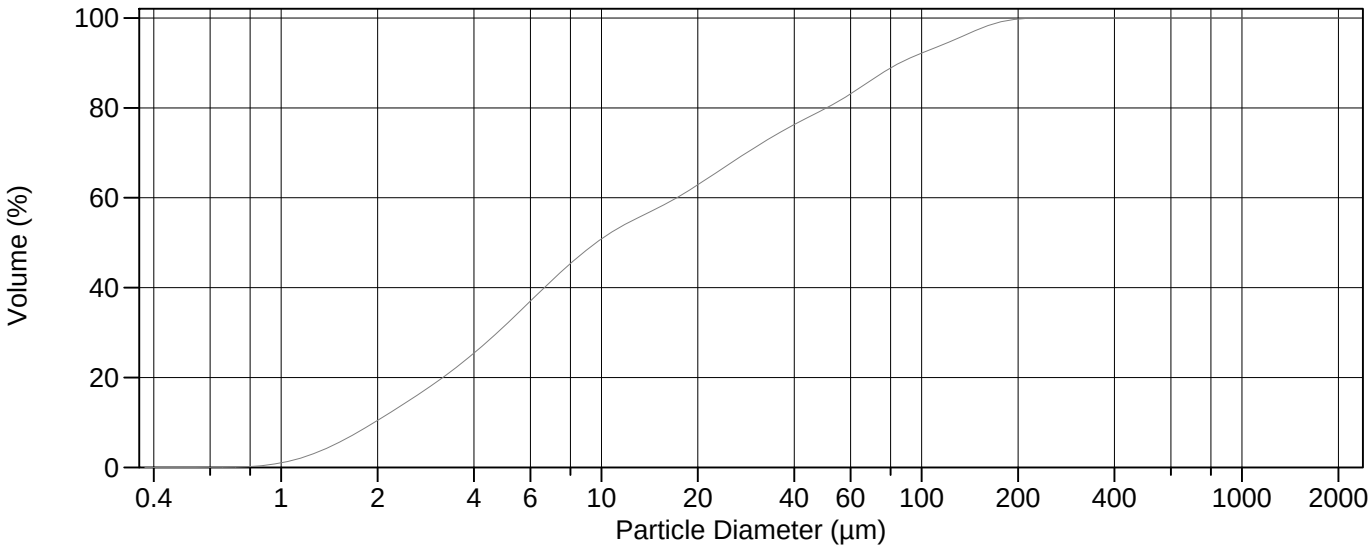

Volume Statistics (Arithmetic) 391.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	29.04 µm	95% Conf. Limits:	0-107.6 µm
Median:	9.633 µm	S.D.:	40.07 µm
D(3,2):	5.334 µm	Variance:	1606 μm^2
Mean/Median Ratio:	3.014	C.V.:	138%
Mode:	5.878 µm	Skewness:	2.031 Right skewed
d_{10}:	1.954 µm	Kurtosis:	3.834 Leptokurtic
d_{50}:	9.633 µm		
d_{90}:	85.51 µm		
Specific Surf. Area	11248 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.954	3.935	9.633	37.09	85.51

391.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.4	500.0	100
5.000	31.6	1000	100
10.00	50.8	2000	100
15.00	57.7		
20.00	62.9		
25.00	67.5		
50.00	79.8		
60.00	83.1		
63.00	84.1		
70.00	86.3		
75.00	87.7		
90.00	90.8		
125.0	95.0		
200.0	99.8		
250.0	100.0		
400.0	100		

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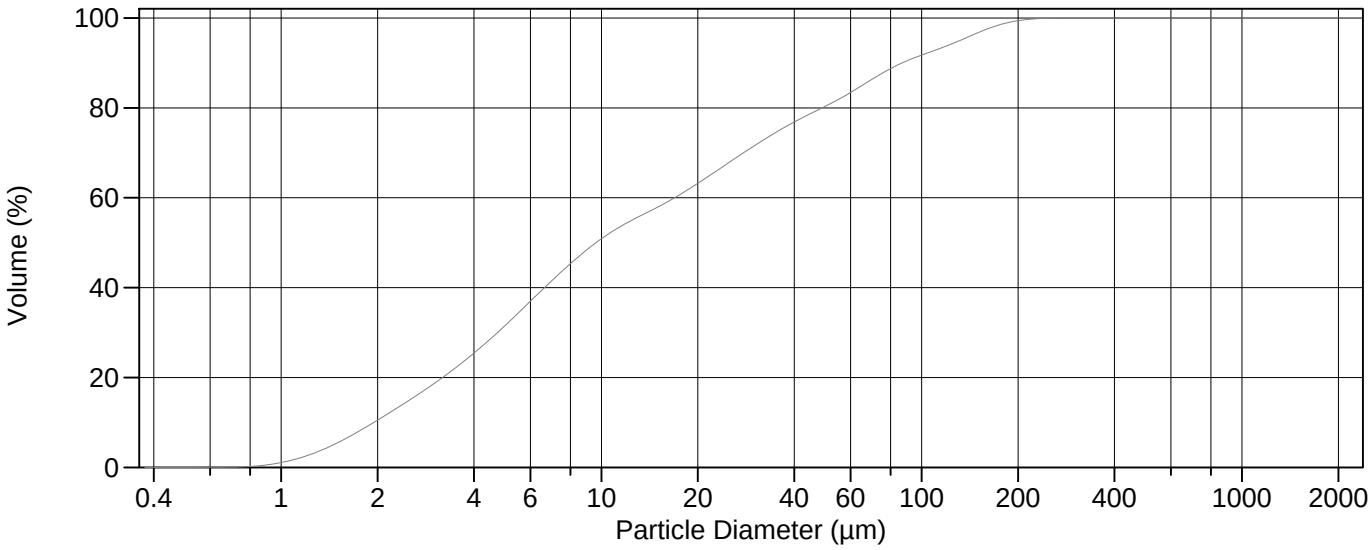


Volume Statistics (Arithmetic) 392.$02

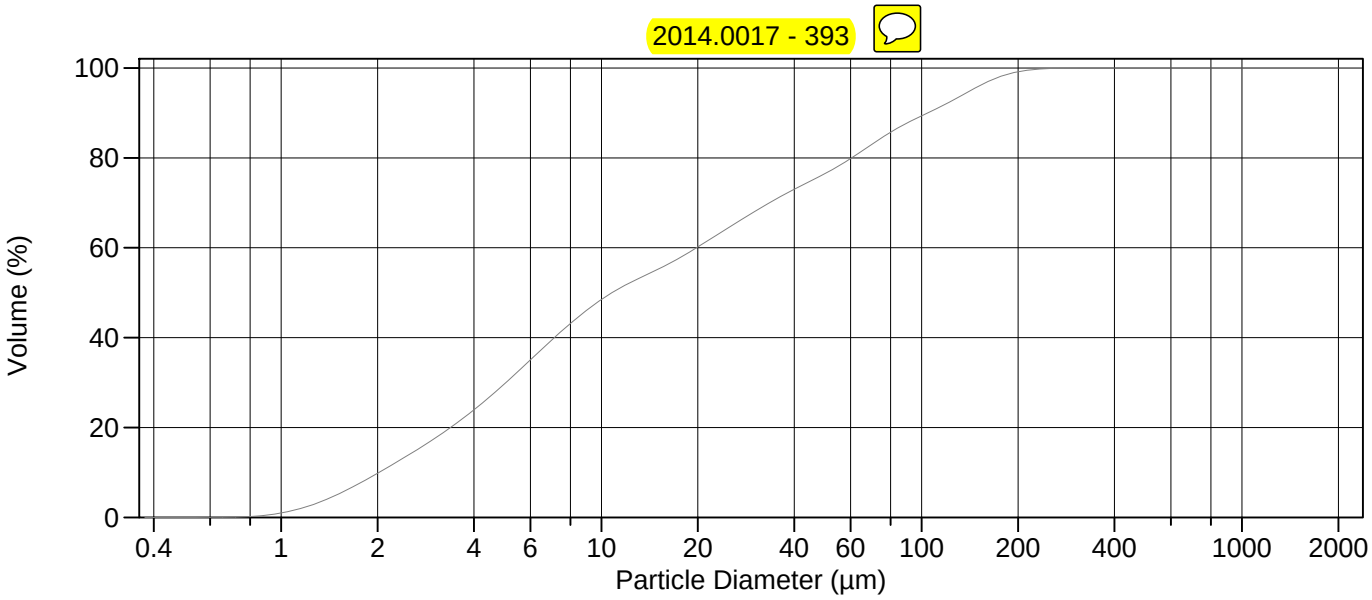
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	29.56 µm	95% Conf. Limits:	0-112.5 µm
Median:	9.621 µm	S.D.:	42.29 µm
D(3,2):	5.314 µm	Variance:	1789 μm^2
Mean/Median Ratio:	3.073	C.V.:	143%
Mode:	5.878 µm	Skewness:	2.202 Right skewed
d_{10}:	1.948 µm	Kurtosis:	4.828 Leptokurtic
d_{50}:	9.621 µm		
d_{90}:	86.91 µm		
Specific Surf. Area	11292 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.948	3.934	9.621	35.92	86.91

392.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.5	500.0	100
5.000	31.5	1000	100
10.00	50.9	2000	100
15.00	57.9		
20.00	63.2		
25.00	67.8		
50.00	80.3		
60.00	83.4		
63.00	84.3		
70.00	86.4		
75.00	87.6		
90.00	90.5		
125.0	94.3		
200.0	99.4		
250.0	99.9		
400.0	100		



Volume Statistics (Arithmetic) 393.$02

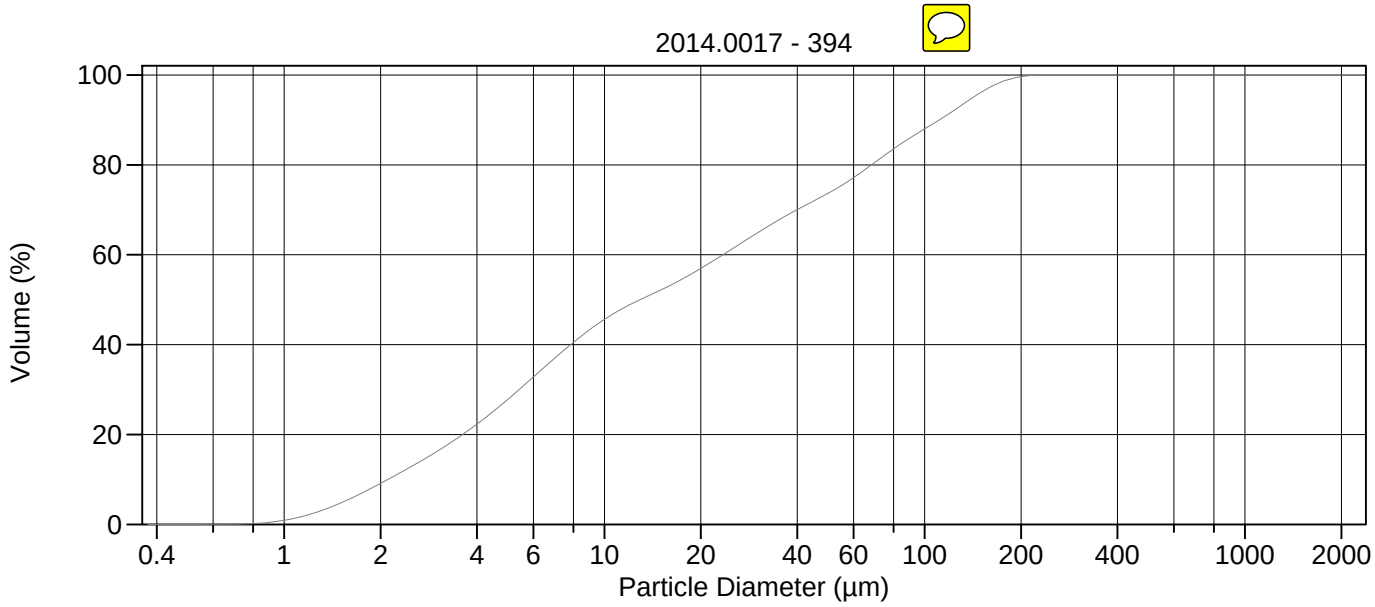
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	33.75 µm	95% Conf. Limits:	0-124.6 µm
Median:	10.77 µm	S.D.:	46.34 µm
D(3,2):	5.609 µm	Variance:	2147 μm^2
Mean/Median Ratio:	3.132	C.V.:	137%
Mode:	5.878 µm	Skewness:	1.947 Right skewed
d_{10}:	2.020 µm	Kurtosis:	3.517 Leptokurtic
d_{50}:	10.77 µm		
d_{90}:	104.5 µm		
Specific Surf. Area	10696 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.020	4.174	10.77	45.42	104.5

393.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.83	500.0	100
5.000	29.8	1000	100
10.00	48.5	2000	100
15.00	55.2		
20.00	60.2		
25.00	64.5		
50.00	76.5		
60.00	79.8		
63.00	80.8		
70.00	83.0		
75.00	84.5		
90.00	87.7		
125.0	92.8		
200.0	99.2		
250.0	99.9		
400.0	100		



Volume Statistics (Arithmetic) 394.$02

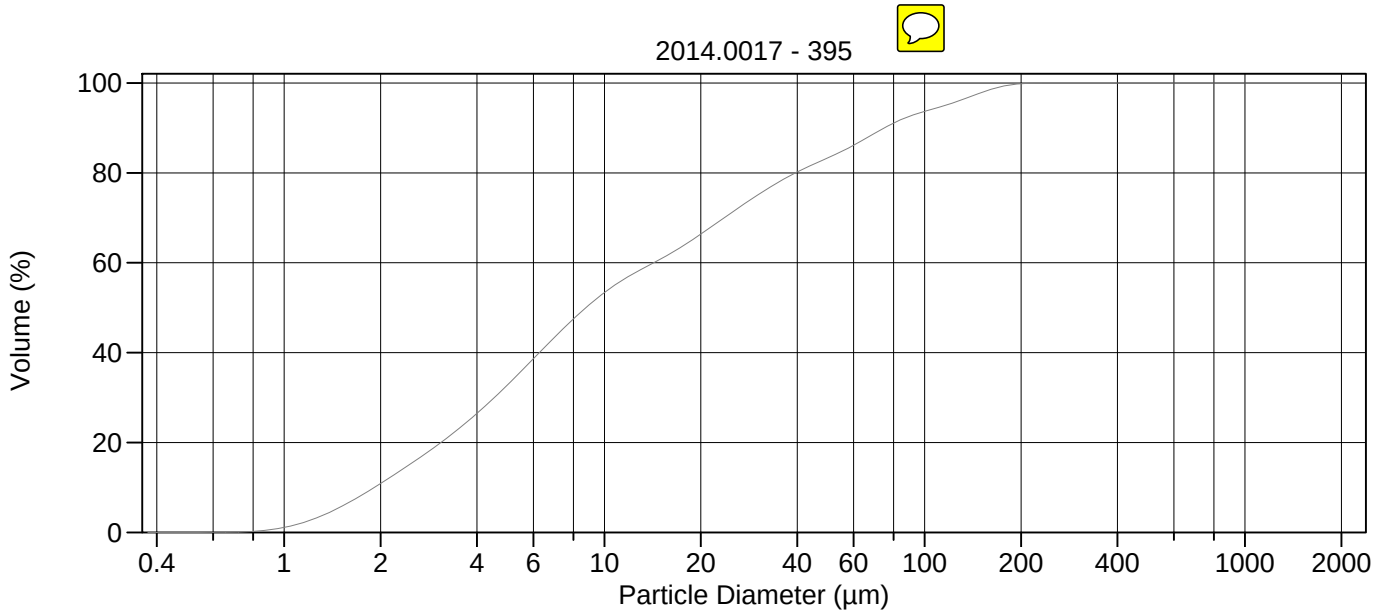
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	36.09 µm	95% Conf. Limits:	0-126.2 µm
Median:	12.92 µm	S.D.:	45.97 µm
D(3,2):	5.953 µm	Variance:	2113 μm^2
Mean/Median Ratio:	2.793	C.V.:	127%
Mode:	5.878 µm	Skewness:	1.610 Right skewed
d_{10}:	2.110 µm	Kurtosis:	1.827 Leptokurtic
d_{50}:	12.92 µm		
d_{90}:	111.1 µm		
Specific Surf. Area	10079 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.110	4.476	12.92	53.84	111.1

394.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.12	500.0	100
5.000	27.8	1000	100
10.00	45.6	2000	100
15.00	52.1		
20.00	57.0		
25.00	61.3		
50.00	73.7		
60.00	77.1		
63.00	78.2		
70.00	80.6		
75.00	82.2		
90.00	86.0		
125.0	92.4		
200.0	99.6		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 395#.$02

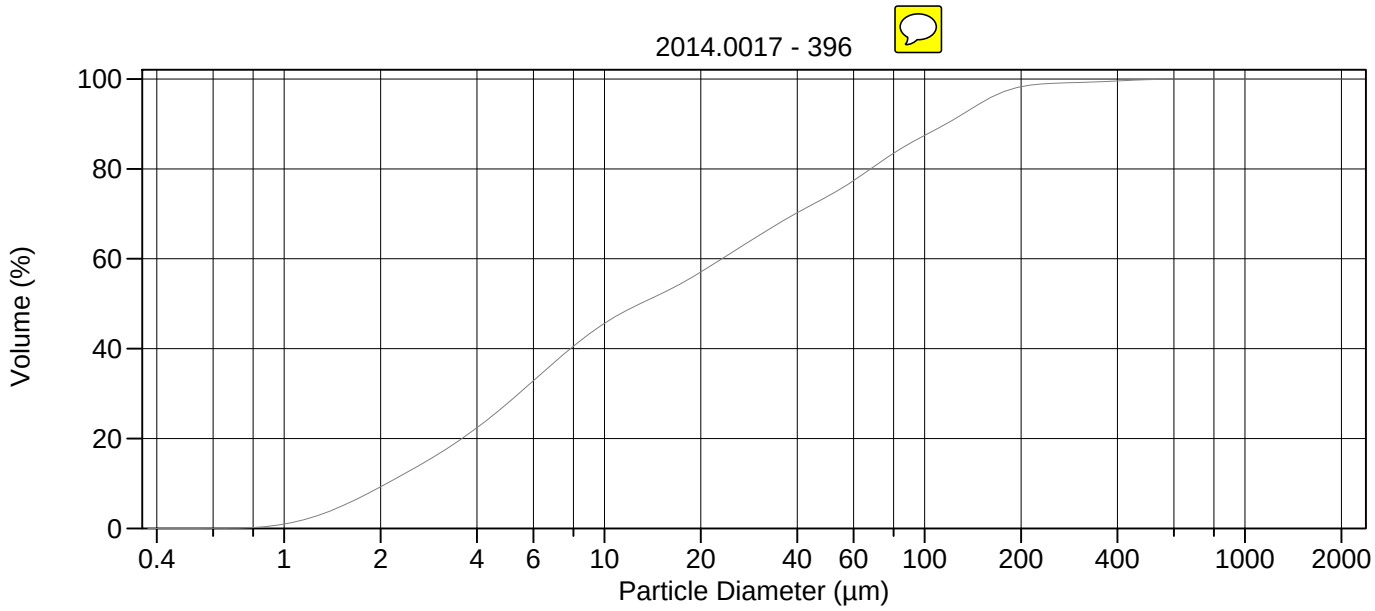
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	25.69 µm	95% Conf. Limits:	0-98.51 µm
Median:	8.754 µm	S.D.:	37.15 µm
D(3,2):	5.105 µm	Variance:	1380 μm^2
Mean/Median Ratio:	2.935	C.V.:	145%
Mode:	5.878 µm	Skewness:	2.308 Right skewed
d_{10}:	1.913 µm	Kurtosis:	5.285 Leptokurtic
d_{50}:	8.754 µm		
d_{90}:	74.78 µm		
Specific Surf. Area	11753 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.913	3.783	8.754	29.99	74.78

395#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.9	500.0	100
5.000	32.9	1000	100
10.00	53.4	2000	100
15.00	60.8		
20.00	66.4		
25.00	71.2		
50.00	83.4		
60.00	86.1		
63.00	87.0		
70.00	88.9		
75.00	90.1		
90.00	92.6		
125.0	95.8		
200.0	99.8		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 396.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	39.28 µm	95% Conf. Limits:	0-155.2 µm
Median:	12.93 µm	S.D.:	59.16 µm
D(3,2):	5.922 µm	Variance:	3500 μm^2
Mean/Median Ratio:	3.037	C.V.:	151%
Mode:	5.878 µm	Skewness:	3.279 Right skewed
d_{10}:	2.093 µm	Kurtosis:	16.99 Leptokurtic
d_{50}:	12.93 µm		
d_{90}:	116.6 µm		
Specific Surf. Area	10132 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.093	4.461	12.93	53.05	116.6

396.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.25	500.0	99.9
5.000	27.9	1000	100
10.00	45.6	2000	100
15.00	52.2		
20.00	57.1		
25.00	61.4		
50.00	74.0		
60.00	77.4		
63.00	78.4		
70.00	80.7		
75.00	82.2		
90.00	85.7		
125.0	91.2		
200.0	98.3		
250.0	99.0		
400.0	99.6		

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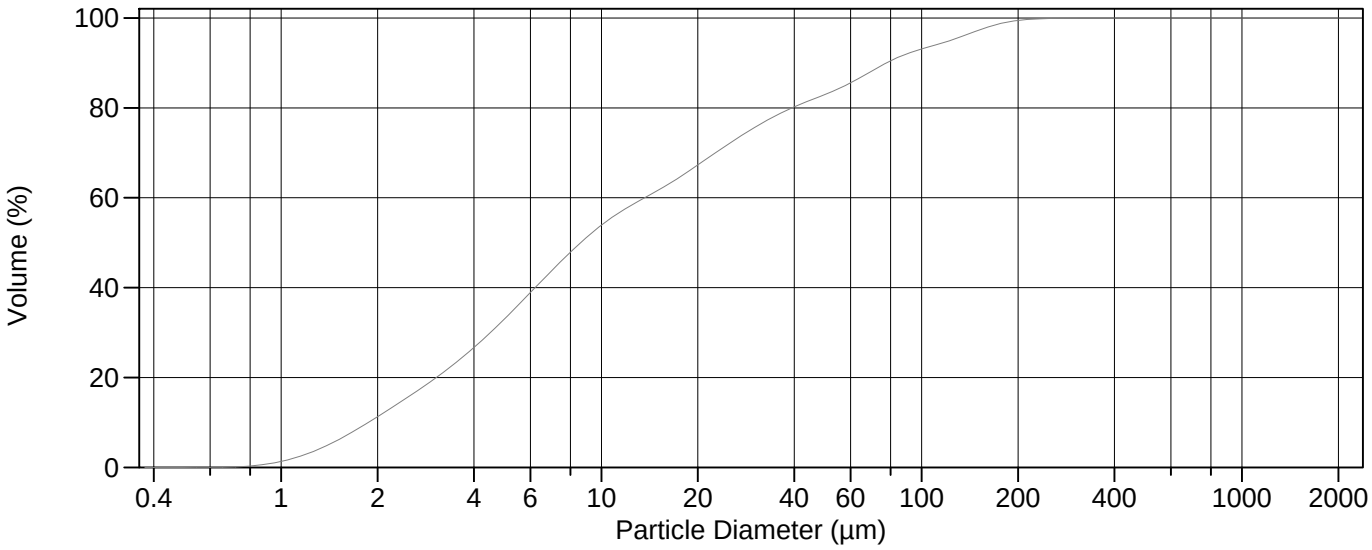


Volume Statistics (Arithmetic) 397.$02

Calculations from 0.375 µm to 2000 µm

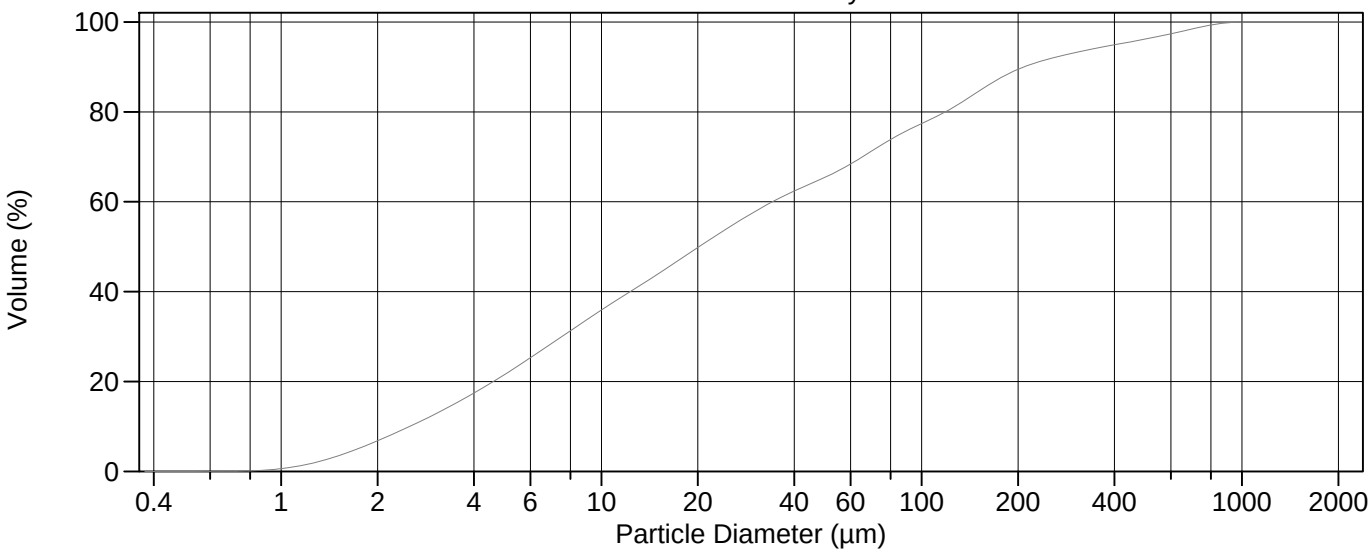
Volume	100.0%		
Mean:	26.48 µm	95% Conf. Limits:	0-105.0 µm
Median:	8.619 µm	S.D.:	40.05 µm
D(3,2):	5.006 µm	Variance:	1604 μm^2
Mean/Median Ratio:	3.073	C.V.:	151%
Mode:	5.878 µm	Skewness:	2.493 Right skewed
d_{10}:	1.873 µm	Kurtosis:	6.669 Leptokurtic
d_{50}:	8.619 µm		
d_{90}:	77.65 µm		
Specific Surf. Area	11985 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.873	3.752	8.619	29.11	77.65

397.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	11.3	500.0	100
5.000	33.1	1000	100
10.00	53.9	2000	100
15.00	61.6		
20.00	67.3		
25.00	72.0		
50.00	83.0		
60.00	85.6		
63.00	86.4		
70.00	88.2		
75.00	89.4		
90.00	92.0		
125.0	95.2		
200.0	99.5		
250.0	99.9		
400.0	100		

2014.0017 - stand. Hynne



Volume Statistics (Arithmetic) 398.$02

Calculations from 0.375 µm to 2000 µm

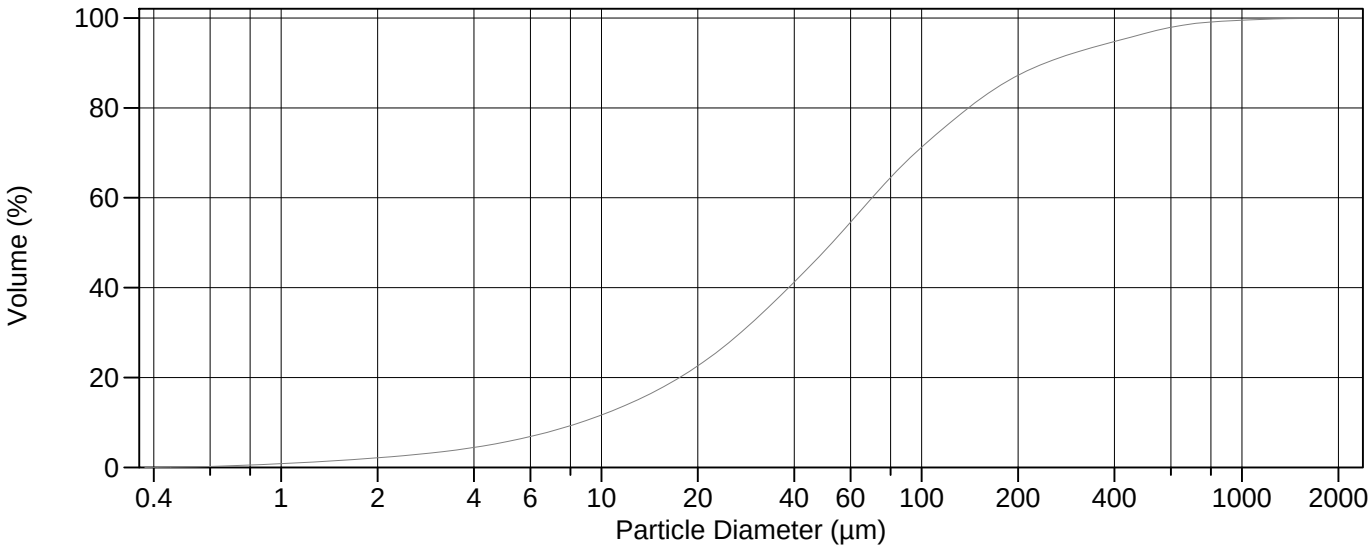
Volume	100.0%		
Mean:	81.05 µm	95% Conf. Limits:	0-370.3 µm
Median:	20.17 µm	S.D.:	147.6 µm
D(3,2):	7.426 µm	Variance:	21784 μm^2
Mean/Median Ratio:	4.018	C.V.:	182%
Mode:	7.083 µm	Skewness:	3.133 Right skewed
d_{10}:	2.518 µm	Kurtosis:	10.64 Leptokurtic
d_{50}:	20.17 µm		
d_{90}:	208.8 µm		
Specific Surf. Area	8079 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.518	5.922	20.17	85.47	208.8

398.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	6.83	500.0	96.2
5.000	21.6	1000	100.0
10.00	35.9	2000	100
15.00	43.9		
20.00	49.8		
25.00	54.3		
50.00	65.5		
60.00	68.4		
63.00	69.3		
70.00	71.3		
75.00	72.7		
90.00	75.8		
125.0	80.9		
200.0	89.5		
250.0	91.8		
400.0	94.9		

2014.0017 - stand.MINN



Volume Statistics (Arithmetic) 399.$02

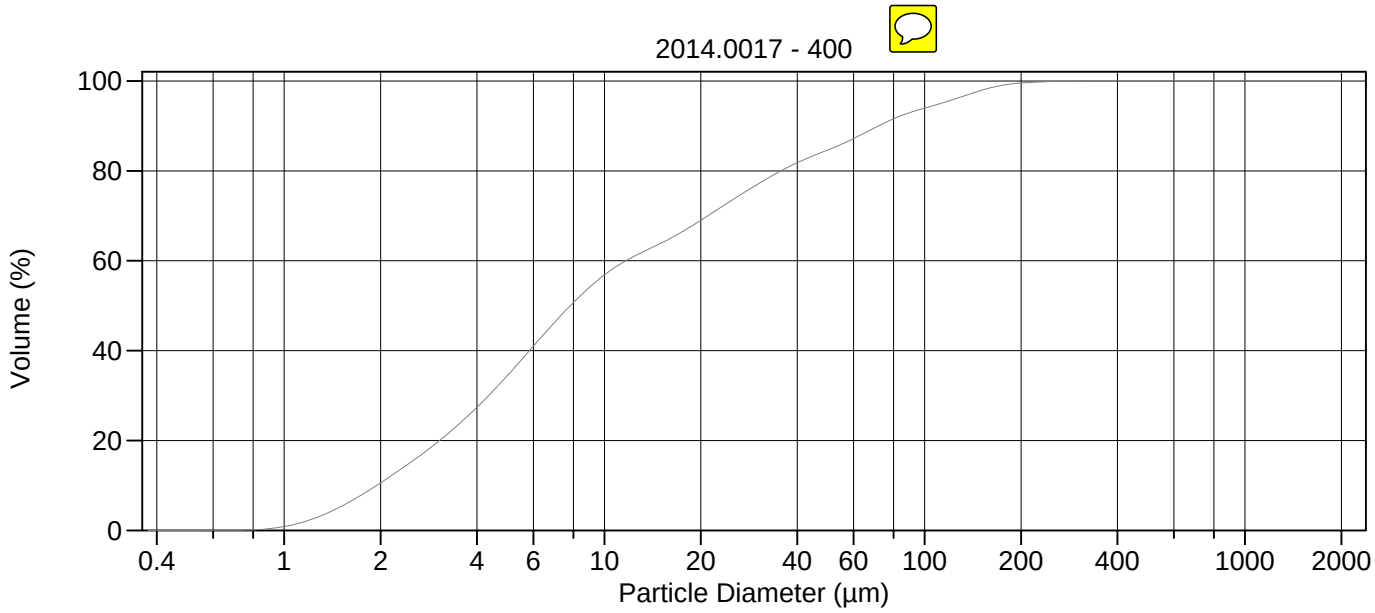
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	104.0 µm	95% Conf. Limits:	0-415.1 µm
Median:	52.58 µm	S.D.:	158.8 µm
D(3,2):	16.39 µm	Variance:	25207 µm^2
Mean/Median Ratio:	1.977	C.V.:	153%
Mode:	66.44 µm	Skewness:	4.154 Right skewed
d_{10}:	8.596 µm	Kurtosis:	25.65 Leptokurtic
d_{50}:	52.58 µm		
d_{90}:	243.9 µm		
Specific Surf. Area	3661 cm^2/ml		

% <	10	25	50	75	90
Size µm	8.596	22.30	52.58	115.0	243.9

399.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	2.13	500.0	96.6
5.000	5.64	1000	99.5
10.00	11.7	2000	100
15.00	17.2		
20.00	22.6		
25.00	27.8		
50.00	48.3		
60.00	54.5		
63.00	56.3		
70.00	60.0		
75.00	62.4		
90.00	68.2		
125.0	77.2		
200.0	87.2		
250.0	90.3		
400.0	94.8		



Volume Statistics (Arithmetic) 400.$02

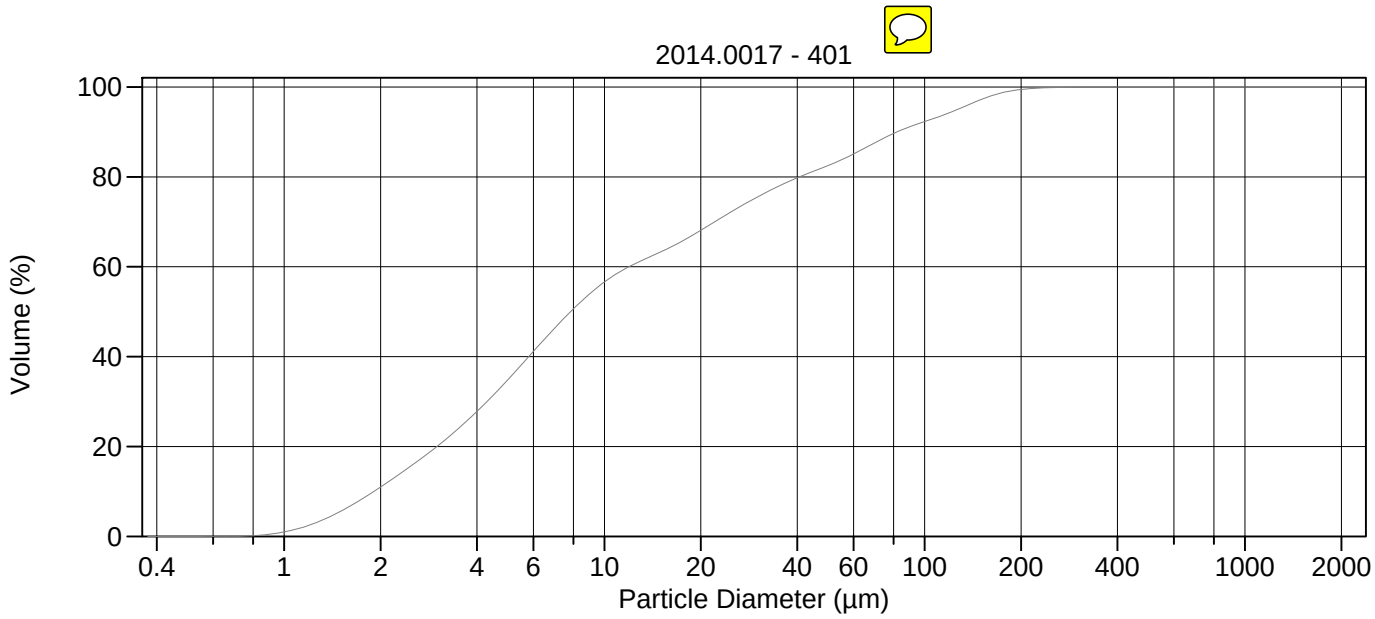
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	24.44 µm	95% Conf. Limits:	0-98.20 µm
Median:	7.830 µm	S.D.:	37.63 µm
D(3,2):	5.016 µm	Variance:	1416 μm^2
Mean/Median Ratio:	3.122	C.V.:	154%
Mode:	5.878 µm	Skewness:	2.669 Right skewed
d_{10}:	1.945 µm	Kurtosis:	8.146 Leptokurtic
d_{50}:	7.830 µm		
d_{90}:	71.74 µm		
Specific Surf. Area	11961 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.945	3.688	7.830	27.02	71.74

400.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.6	500.0	100
5.000	34.6	1000	100
10.00	56.9	2000	100
15.00	63.9		
20.00	69.0		
25.00	73.5		
50.00	84.7		
60.00	87.2		
63.00	87.9		
70.00	89.6		
75.00	90.7		
90.00	93.0		
125.0	96.0		
200.0	99.5		
250.0	99.9		
400.0	100		



Volume Statistics (Arithmetic) 401.$02

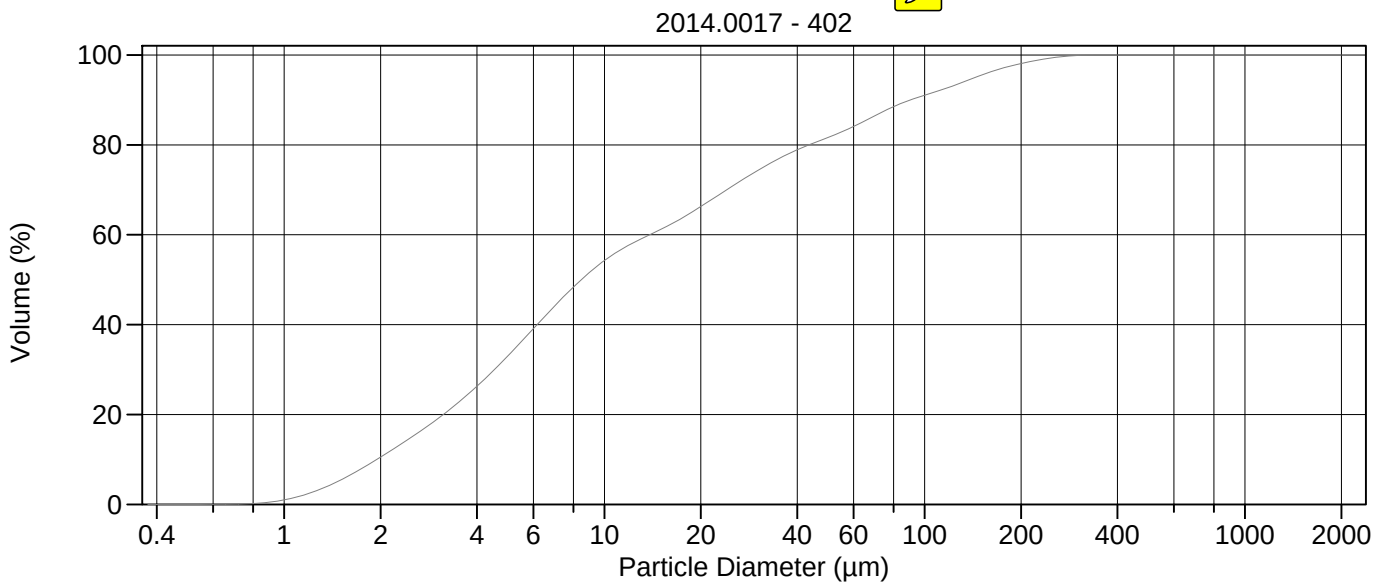
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	26.74 µm	95% Conf. Limits:	0-107.3 µm
Median:	7.844 µm	S.D.:	41.10 µm
D(3,2):	4.965 µm	Variance:	1689 μm^2
Mean/Median Ratio:	3.409	C.V.:	154%
Mode:	5.878 µm	Skewness:	2.419 Right skewed
d_{10}:	1.906 µm	Kurtosis:	6.155 Leptokurtic
d_{50}:	7.844 µm		
d_{90}:	81.90 µm		
Specific Surf. Area	12085 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.906	3.630	7.844	29.15	81.90

401.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	11.0	500.0	100
5.000	34.9	1000	100
10.00	56.6	2000	100
15.00	63.3		
20.00	68.1		
25.00	72.3		
50.00	82.5		
60.00	85.1		
63.00	85.9		
70.00	87.6		
75.00	88.7		
90.00	91.2		
125.0	94.8		
200.0	99.5		
250.0	99.9		
400.0	100		



Volume Statistics (Arithmetic) 402.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	30.17 µm	95% Conf. Limits:	0-125.4 µm
Median:	8.477 µm	S.D.:	48.60 µm
D(3,2):	5.158 µm	Variance:	2362 μm^2
Mean/Median Ratio:	3.559	C.V.:	161%
Mode:	5.878 µm	Skewness:	2.635 Right skewed
d_{10}:	1.949 µm	Kurtosis:	7.426 Leptokurtic
d_{50}:	8.477 µm		
d_{90}:	90.33 µm		
Specific Surf. Area	11632 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.949	3.819	8.477	31.31	90.33

402.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.5	500.0	100
5.000	33.0	1000	100
10.00	54.3	2000	100
15.00	61.2		
20.00	66.3		
25.00	70.8		
50.00	81.7		
60.00	84.1		
63.00	84.8		
70.00	86.5		
75.00	87.6		
90.00	90.0		
125.0	93.4		
200.0	98.1		
250.0	99.4		
400.0	100.0		

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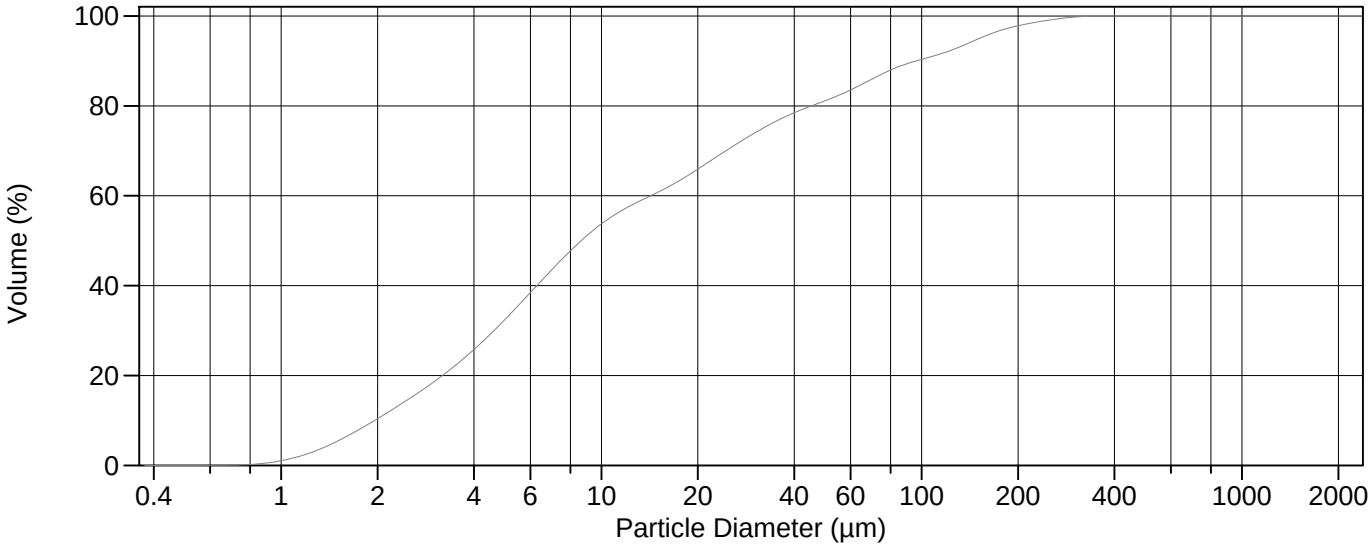

Volume Statistics (Arithmetic) 403.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	31.47 µm	95% Conf. Limits:	0-131.9 µm
Median:	8.656 µm	S.D.:	51.22 µm
D(3,2):	5.212 µm	Variance:	2623 μm^2
Mean/Median Ratio:	3.636	C.V.:	163%
Mode:	5.878 µm	Skewness:	2.644 Right skewed
d_{10}:	1.960 µm	Kurtosis:	7.488 Leptokurtic
d_{50}:	8.656 µm		
d_{90}:	96.03 µm		
Specific Surf. Area	11513 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.960	3.887	8.656	31.90	96.03

403.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.4	500.0	100
5.000	32.4	1000	100
10.00	53.7	2000	100
15.00	60.8		
20.00	65.9		
25.00	70.5		
50.00	81.1		
60.00	83.5		
63.00	84.3		
70.00	86.0		
75.00	87.1		
90.00	89.4		
125.0	92.5		
200.0	97.8		
250.0	99.1		
400.0	100.0		

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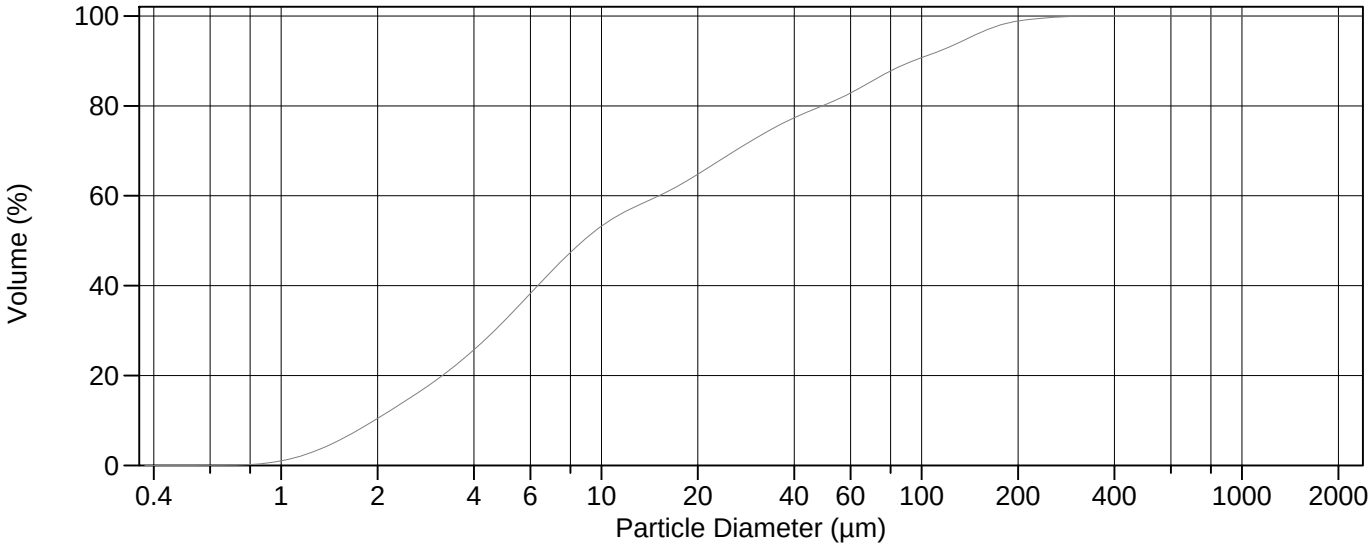

Volume Statistics (Arithmetic) 404.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	30.48 µm	95% Conf. Limits:	0-121.0 µm
Median:	8.780 µm	S.D.:	46.19 µm
D(3,2):	5.239 µm	Variance:	2133 μm^2
Mean/Median Ratio:	3.471	C.V.:	152%
Mode:	5.878 µm	Skewness:	2.390 Right skewed
d_{10}:	1.953 µm	Kurtosis:	6.174 Leptokurtic
d_{50}:	8.780 µm		
d_{90}:	93.96 µm		
Specific Surf. Area	11453 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.953	3.893	8.780	34.42	93.96

404.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.5	500.0	100
5.000	32.3	1000	100
10.00	53.2	2000	100
15.00	59.9		
20.00	64.8		
25.00	69.2		
50.00	80.3		
60.00	82.9		
63.00	83.7		
70.00	85.5		
75.00	86.7		
90.00	89.5		
125.0	93.4		
200.0	98.9		
250.0	99.6		
400.0	100.0		

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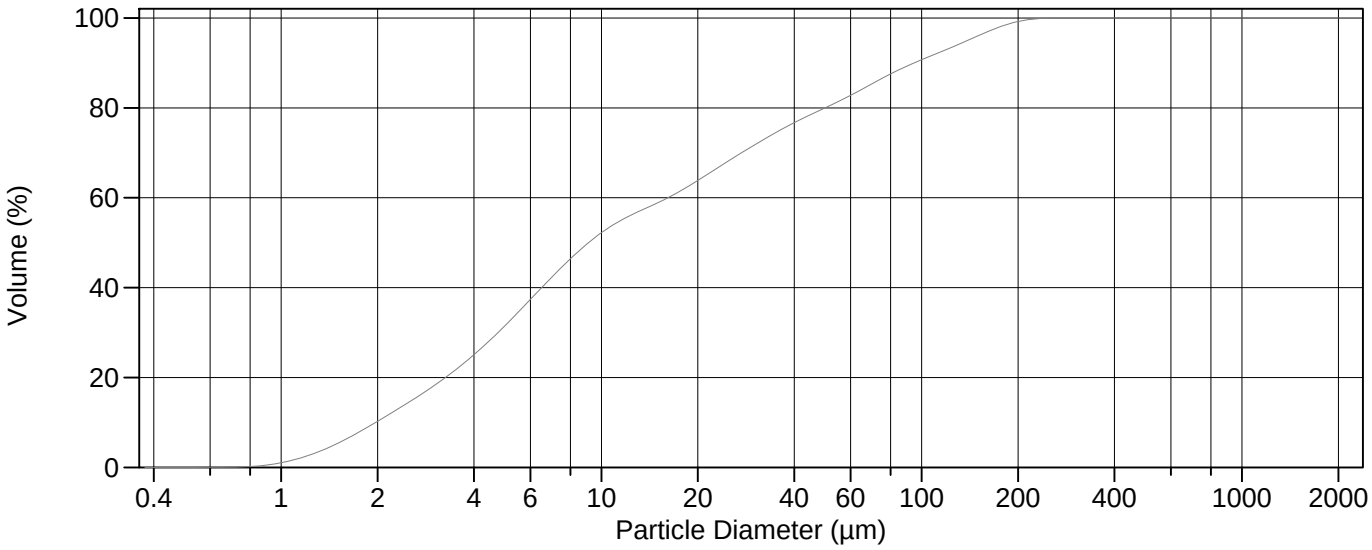

Volume Statistics (Arithmetic) 405#.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	30.53 µm	95% Conf. Limits:	0-117.8 µm
Median:	9.116 µm	S.D.:	44.54 µm
D(3,2):	5.329 µm	Variance:	1983 μm^2
Mean/Median Ratio:	3.349	C.V.:	146%
Mode:	5.878 µm	Skewness:	2.145 Right skewed
d_{10}:	1.974 µm	Kurtosis:	4.266 Leptokurtic
d_{50}:	9.116 µm		
d_{90}:	94.66 µm		
Specific Surf. Area	11260 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.974	3.989	9.116	36.02	94.66

405#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.2	500.0	100
5.000	31.5	1000	100
10.00	52.2	2000	100
15.00	58.9		
20.00	63.8		
25.00	68.3		
50.00	80.0		
60.00	82.8		
63.00	83.6		
70.00	85.4		
75.00	86.5		
90.00	89.3		
125.0	93.6		
200.0	99.2		
250.0	100.0		
400.0	100		

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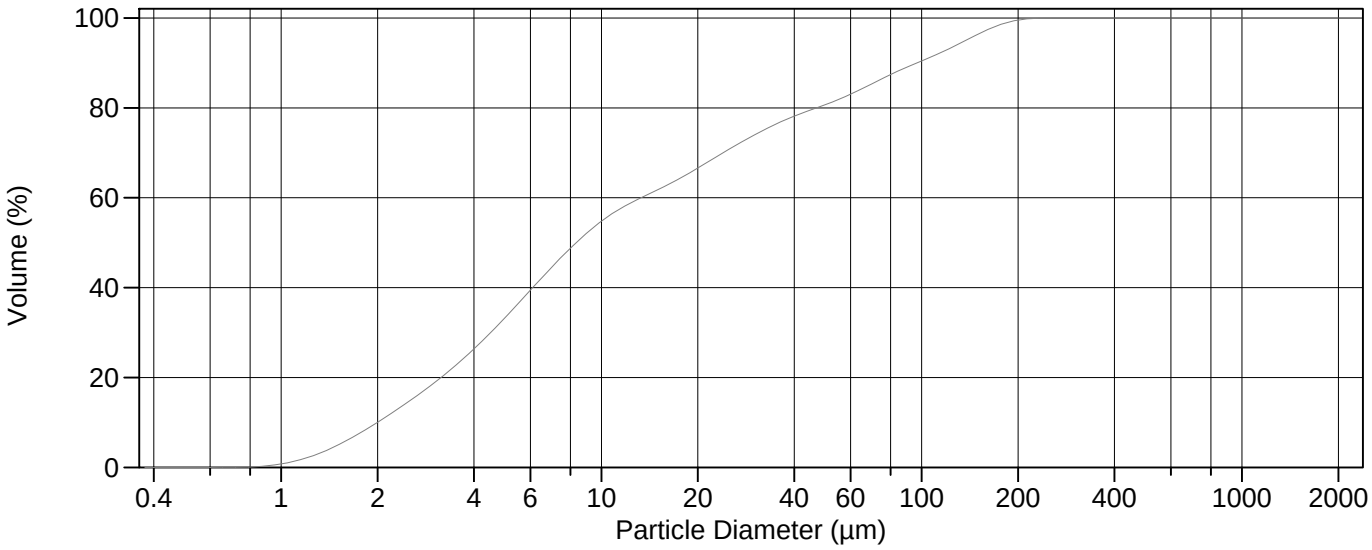


Volume Statistics (Arithmetic) 406.$02

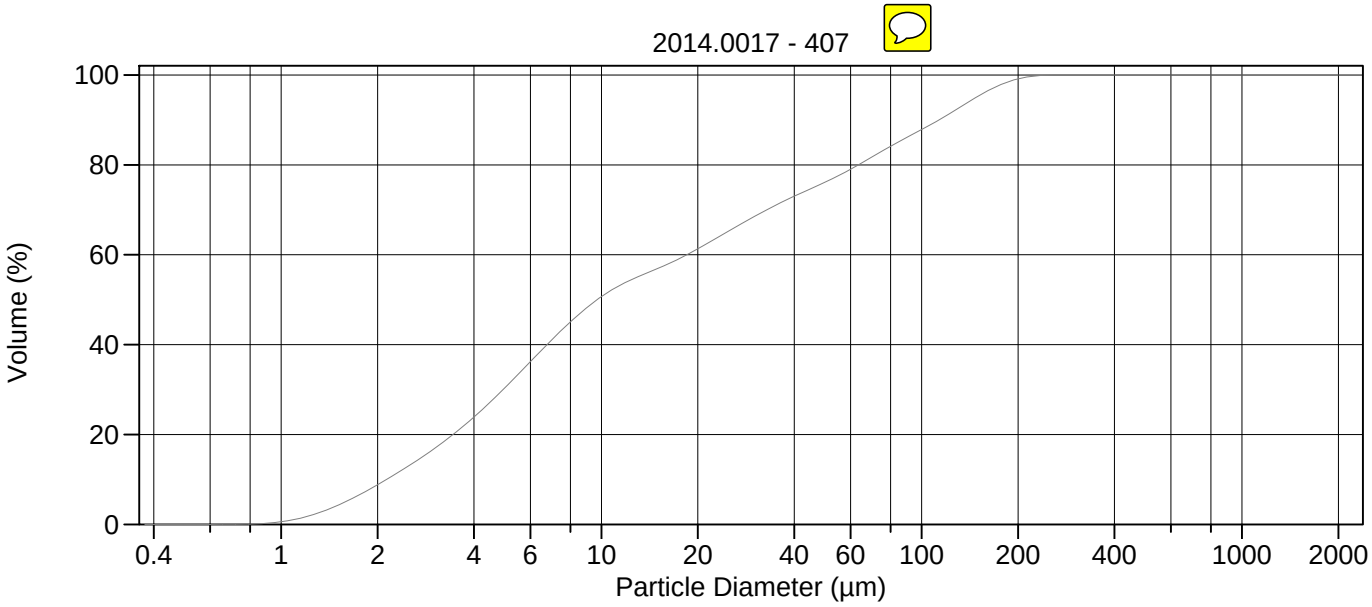
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	29.28 µm	95% Conf. Limits:	0-114.9 µm
Median:	8.345 µm	S.D.:	43.67 µm
D(3,2):	5.228 µm	Variance:	1907 μm^2
Mean/Median Ratio:	3.509	C.V.:	149%
Mode:	5.878 µm	Skewness:	2.097 Right skewed
d_{10}:	1.996 µm	Kurtosis:	3.808 Leptokurtic
d_{50}:	8.345 µm		
d_{90}:	96.64 µm		
Specific Surf. Area	11477 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.996	3.811	8.345	32.01	96.64

406.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.0	500.0	100
5.000	33.3	1000	100
10.00	54.8	2000	100
15.00	61.8		
20.00	66.6		
25.00	70.8		
50.00	80.7		
60.00	83.0		
63.00	83.8		
70.00	85.4		
75.00	86.4		
90.00	89.1		
125.0	93.6		
200.0	99.5		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 407.$02

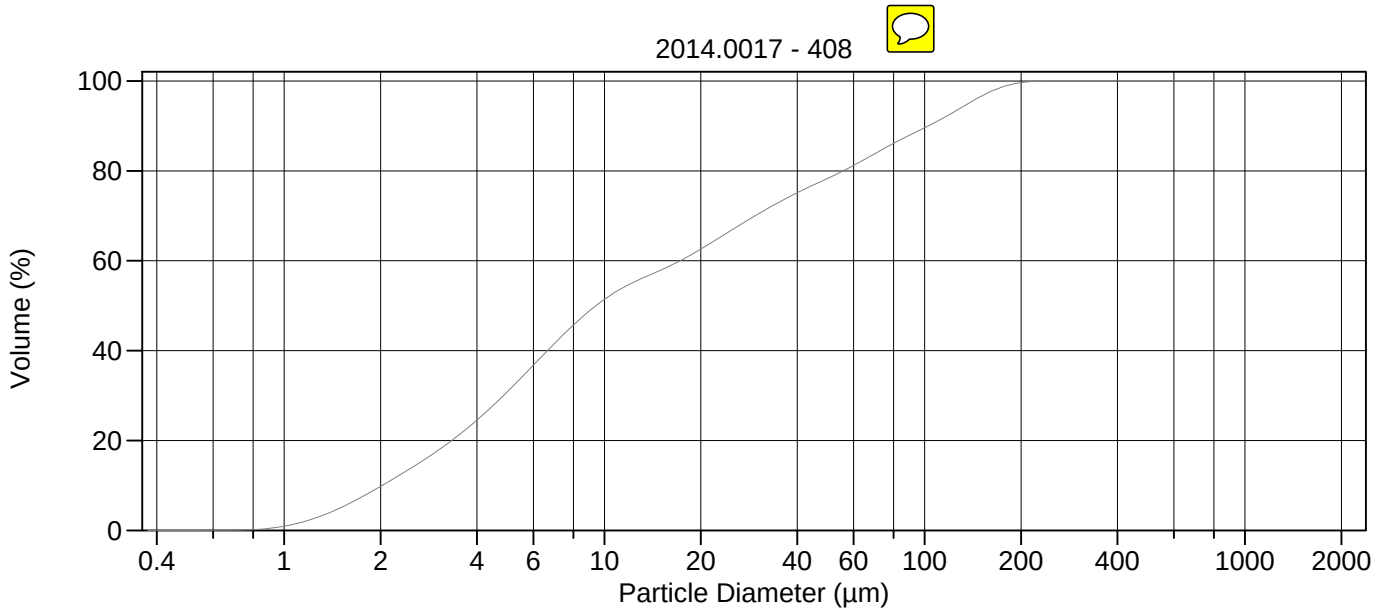
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	34.66 µm	95% Conf. Limits:	0-129.1 µm
Median:	9.696 µm	S.D.:	48.19 µm
D(3,2):	5.730 µm	Variance:	2322 μm^2
Mean/Median Ratio:	3.575	C.V.:	139%
Mode:	5.878 µm	Skewness:	1.825 Right skewed
d_{10}:	2.135 µm	Kurtosis:	2.643 Leptokurtic
d_{50}:	9.696 µm		
d_{90}:	113.2 µm		
Specific Surf. Area	10470 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.135	4.165	9.696	46.08	113.2

407.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.83	500.0	100
5.000	30.4	1000	100
10.00	50.7	2000	100
15.00	56.9		
20.00	61.3		
25.00	65.3		
50.00	76.2		
60.00	79.0		
63.00	79.9		
70.00	81.8		
75.00	83.0		
90.00	86.1		
125.0	91.8		
200.0	99.1		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 408.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	31.58 µm	95% Conf. Limits:	0-117.8 µm
Median:	9.413 µm	S.D.:	43.99 µm
D(3,2):	5.466 µm	Variance:	1935 μm^2
Mean/Median Ratio:	3.355	C.V.:	139%
Mode:	5.878 µm	Skewness:	1.882 Right skewed
d_{10}:	2.024 µm	Kurtosis:	2.870 Leptokurtic
d_{50}:	9.413 µm		
d_{90}:	102.5 µm		
Specific Surf. Area	10977 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.024	4.068	9.413	39.60	102.5

408.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.79	500.0	100
5.000	31.0	1000	100
10.00	51.4	2000	100
15.00	57.9		
20.00	62.6		
25.00	66.9		
50.00	78.4		
60.00	81.2		
63.00	82.0		
70.00	83.9		
75.00	85.0		
90.00	88.0		
125.0	93.3		
200.0	99.6		
250.0	100.0		
400.0	100		

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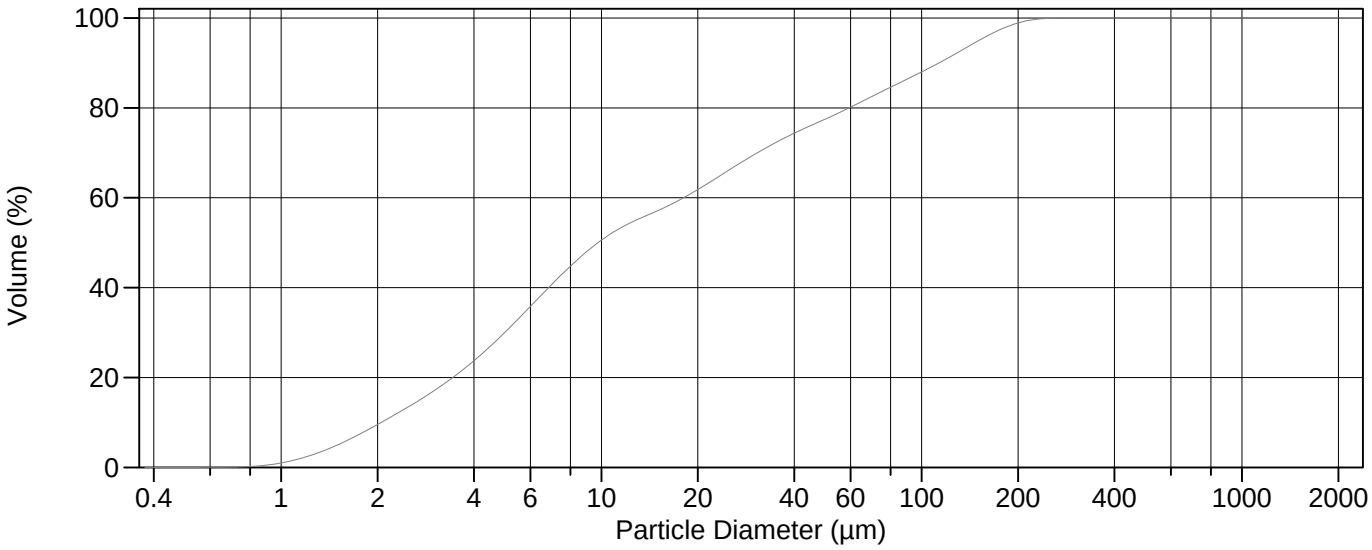

Volume Statistics (Arithmetic) 409.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	34.26 µm	95% Conf. Limits:	0-130.0 µm
Median:	9.746 µm	S.D.:	48.82 µm
D(3,2):	5.569 µm	Variance:	2384 μm^2
Mean/Median Ratio:	3.516	C.V.:	142%
Mode:	5.878 µm	Skewness:	1.925 Right skewed
d_{10}:	2.054 µm	Kurtosis:	3.054 Leptokurtic
d_{50}:	9.746 µm		
d_{90}:	113.4 µm		
Specific Surf. Area	10774 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.054	4.194	9.746	41.81	113.4

409.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.55	500.0	100
5.000	30.1	1000	100
10.00	50.6	2000	100
15.00	57.1		
20.00	61.8		
25.00	66.2		
50.00	77.5		
60.00	80.1		
63.00	80.9		
70.00	82.5		
75.00	83.6		
90.00	86.4		
125.0	91.7		
200.0	98.9		
250.0	99.9		
400.0	100		

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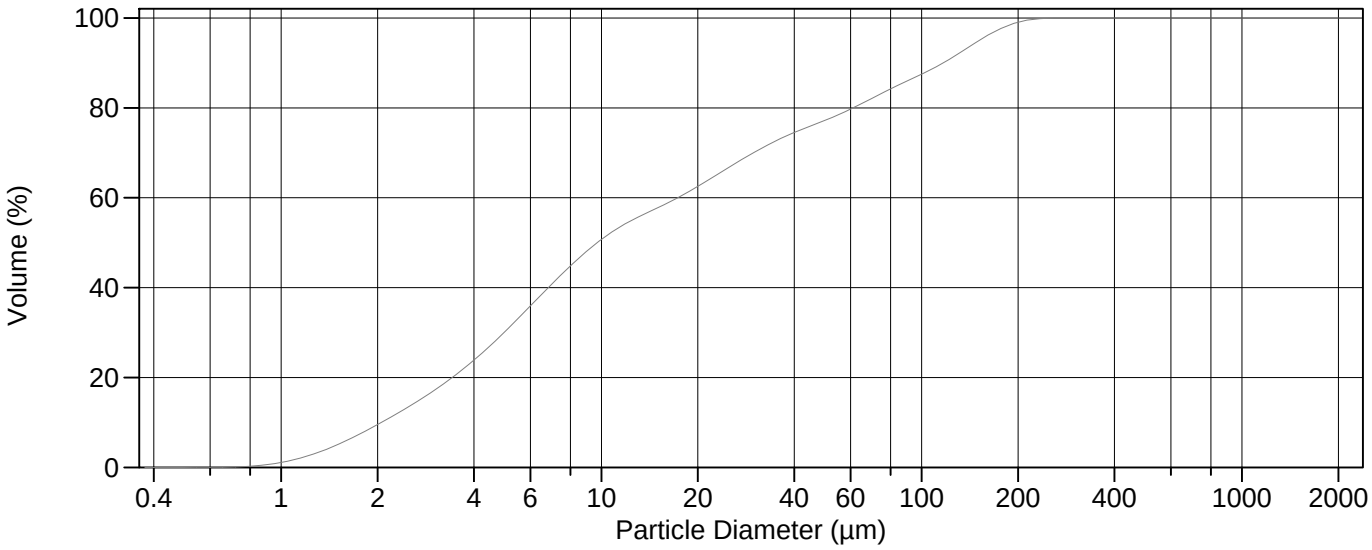

Volume Statistics (Arithmetic) 410.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	34.39 µm	95% Conf. Limits:	0-130.5 µm
Median:	9.694 µm	S.D.:	49.03 µm
D(3,2):	5.530 µm	Variance:	2404 μm^2
Mean/Median Ratio:	3.548	C.V.:	143%
Mode:	5.878 µm	Skewness:	1.870 Right skewed
d_{10}:	2.056 µm	Kurtosis:	2.730 Leptokurtic
d_{50}:	9.694 µm		
d_{90}:	116.6 µm		
Specific Surf. Area	10849 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.056	4.173	9.694	41.59	116.6

410.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.54	500.0	100
5.000	30.2	1000	100
10.00	50.7	2000	100
15.00	57.8		
20.00	62.5		
25.00	66.8		
50.00	77.2		
60.00	79.7		
63.00	80.5		
70.00	82.1		
75.00	83.2		
90.00	86.0		
125.0	91.3		
200.0	99.0		
250.0	99.9		
400.0	100		

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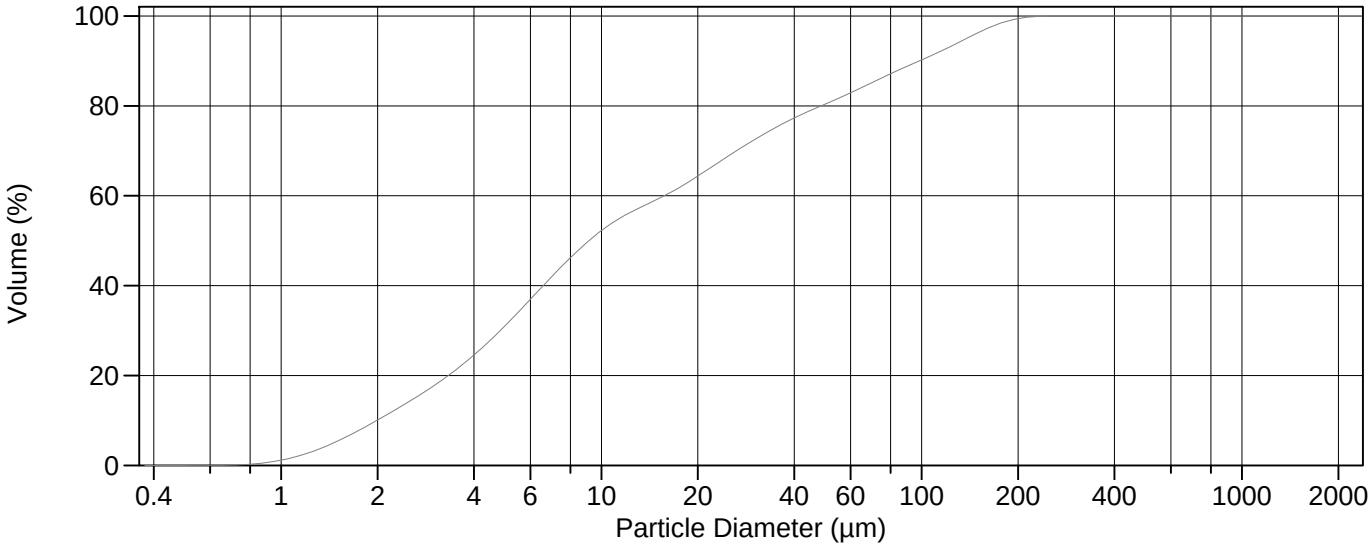

Volume Statistics (Arithmetic) 411.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	30.32 µm	95% Conf. Limits:	0-116.7 µm
Median:	9.145 µm	S.D.:	44.10 µm
D(3,2):	5.340 µm	Variance:	1945 μm^2
Mean/Median Ratio:	3.315	C.V.:	145%
Mode:	5.878 µm	Skewness:	2.084 Right skewed
d_{10}:	1.990 µm	Kurtosis:	3.835 Leptokurtic
d_{50}:	9.145 µm		
d_{90}:	98.34 µm		
Specific Surf. Area	11236 cm^2/ml		

% <	10	25	50	75	90
Size µm	1.990	4.065	9.145	34.64	98.34

411.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	10.1	500.0	100
5.000	31.0	1000	100
10.00	52.2	2000	100
15.00	59.3		
20.00	64.4		
25.00	68.9		
50.00	80.4		
60.00	82.9		
63.00	83.6		
70.00	85.2		
75.00	86.2		
90.00	88.8		
125.0	93.4		
200.0	99.4		
250.0	100.0		
400.0	100		

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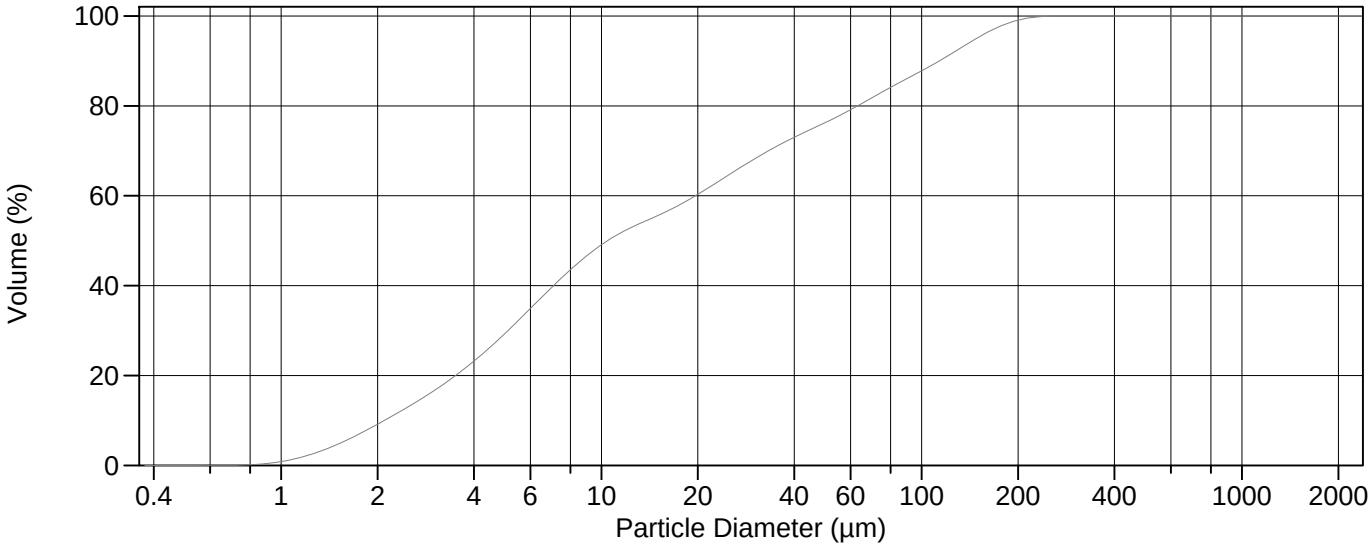


Volume Statistics (Arithmetic) 412.$02

Calculations from 0.375 µm to 2000 µm

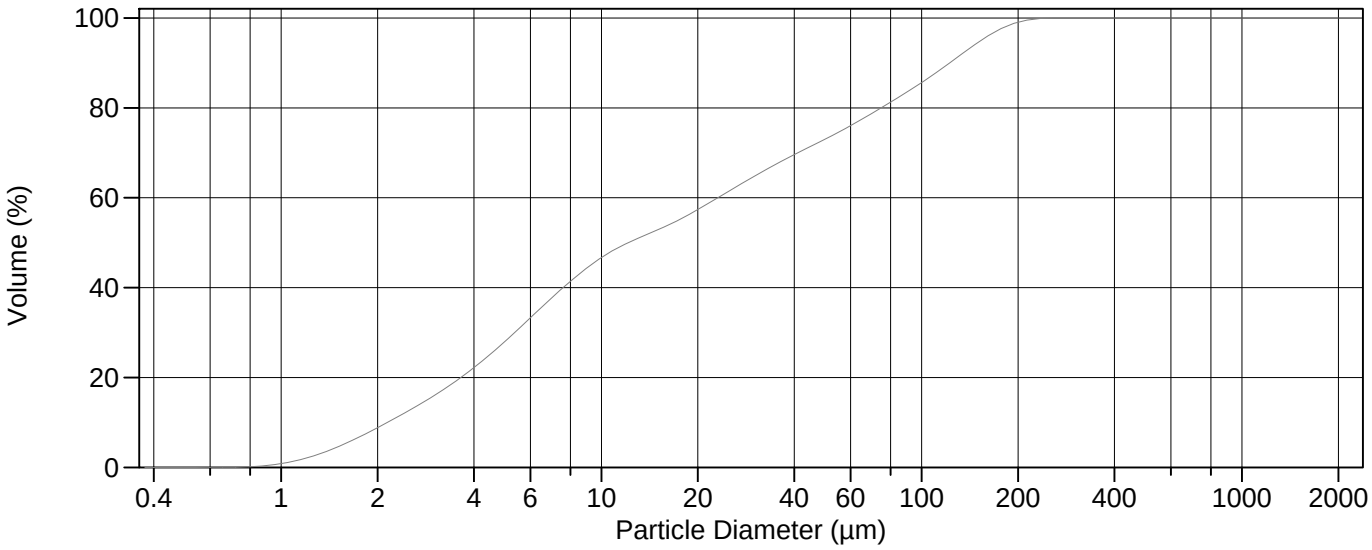
Volume	100.0%		
Mean:	35.00 µm	95% Conf. Limits:	0-129.6 µm
Median:	10.46 µm	S.D.:	48.27 µm
D(3,2):	5.740 µm	Variance:	2330 μm^2
Mean/Median Ratio:	3.345	C.V.:	138%
Mode:	5.878 µm	Skewness:	1.835 Right skewed
d_{10}:	2.101 µm	Kurtosis:	2.711 Leptokurtic
d_{50}:	10.46 µm		
d_{90}:	113.5 µm		
Specific Surf. Area	10452 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.101	4.285	10.46	45.82	113.5

412.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.17	500.0	100
5.000	29.3	1000	100
10.00	49.1	2000	100
15.00	55.6		
20.00	60.3		
25.00	64.7		
50.00	76.3		
60.00	79.1		
63.00	80.0		
70.00	81.8		
75.00	83.0		
90.00	86.1		
125.0	91.8		
200.0	99.1		
250.0	99.9		
400.0	100		

2014.0017 - 413



Volume Statistics (Arithmetic) 413#.$02

Calculations from 0.375 µm to 2000 µm

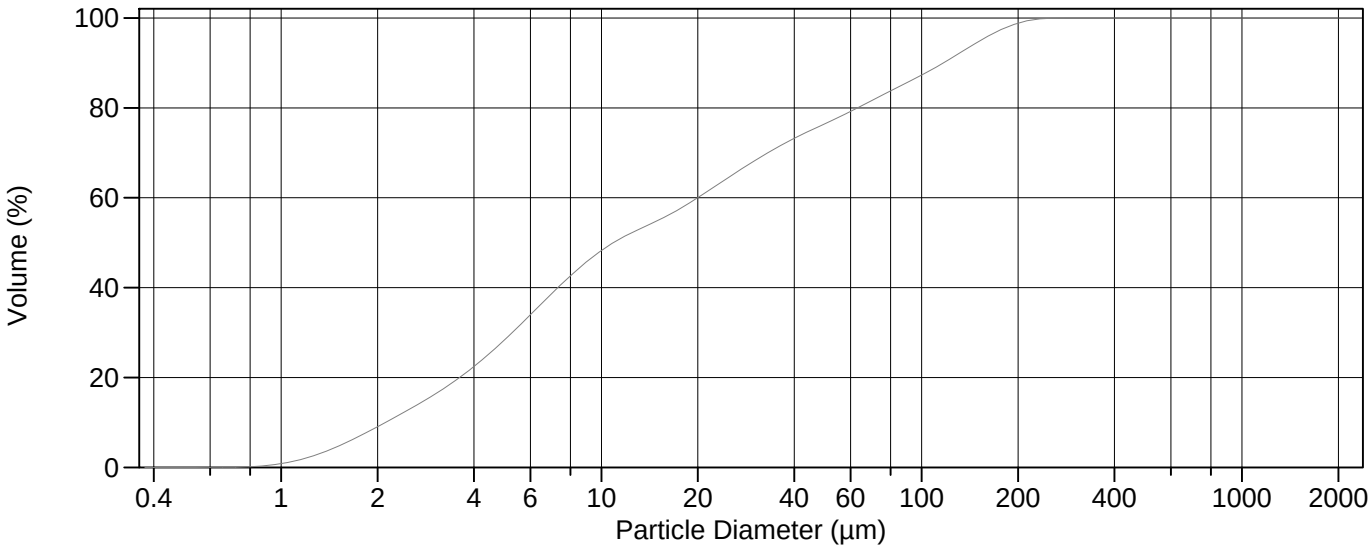
Volume	100.0%		
Mean:	38.60 µm	95% Conf. Limits:	0-137.6 µm
Median:	12.12 µm	S.D.:	50.52 µm
D(3,2):	5.983 µm	Variance:	2552 μm^2
Mean/Median Ratio:	3.184	C.V.:	131%
Mode:	5.878 µm	Skewness:	1.606 Right skewed
d_{10}:	2.147 µm	Kurtosis:	1.741 Leptokurtic
d_{50}:	12.12 µm		
d_{90}:	122.3 µm		
Specific Surf. Area	10028 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.147	4.471	12.12	56.47	122.3

413#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.85	500.0	100
5.000	28.0	1000	100
10.00	46.7	2000	100
15.00	52.9		
20.00	57.4		
25.00	61.5		
50.00	73.0		
60.00	76.0		
63.00	76.9		
70.00	78.8		
75.00	80.1		
90.00	83.5		
125.0	90.5		
200.0	99.0		
250.0	100.0		
400.0	100		

2014.0017 - 414



Volume Statistics (Arithmetic) 414.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	35.72 µm	95% Conf. Limits:	0-132.9 µm
Median:	10.90 µm	S.D.:	49.56 µm
D(3,2):	5.833 µm	Variance:	2456 μm^2
Mean/Median Ratio:	3.278	C.V.:	139%
Mode:	6.452 µm	Skewness:	1.853 Right skewed
d_{10}:	2.119 µm	Kurtosis:	2.746 Leptokurtic
d_{50}:	10.90 µm		
d_{90}:	116.9 µm		
Specific Surf. Area	10286 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.119	4.419	10.90	45.07	116.9

414.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.06	500.0	100
5.000	28.4	1000	100
10.00	48.2	2000	100
15.00	54.9		
20.00	60.0		
25.00	64.6		
50.00	76.5		
60.00	79.2		
63.00	80.0		
70.00	81.7		
75.00	82.8		
90.00	85.6		
125.0	91.2		
200.0	98.8		
250.0	99.9		
400.0	100		

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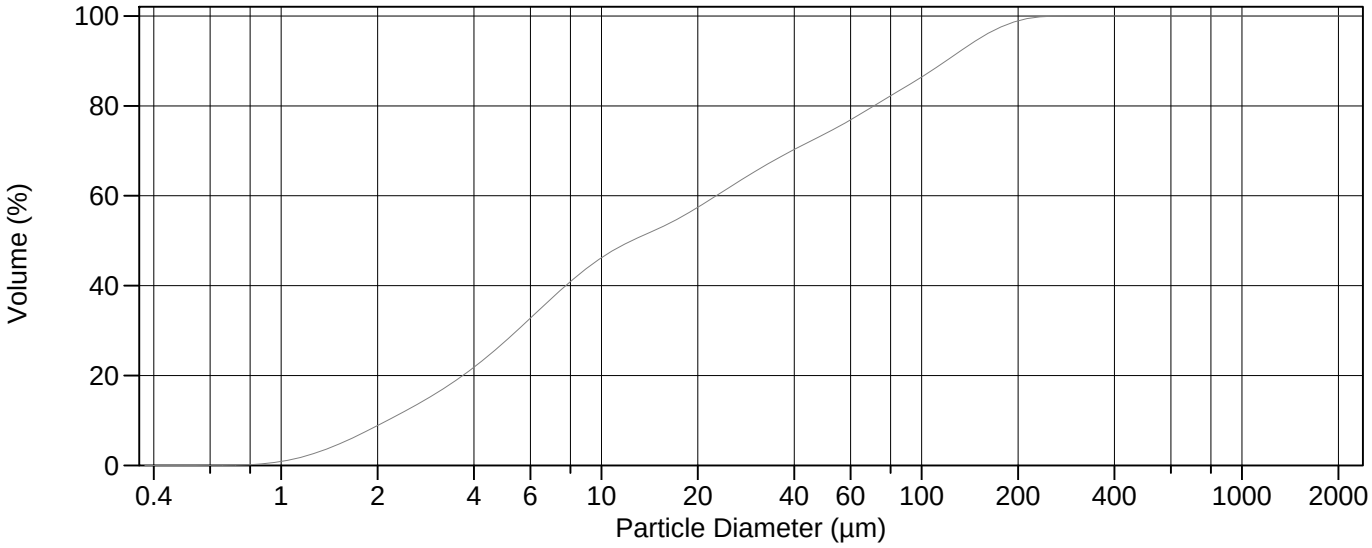


Volume Statistics (Arithmetic) 415.$02

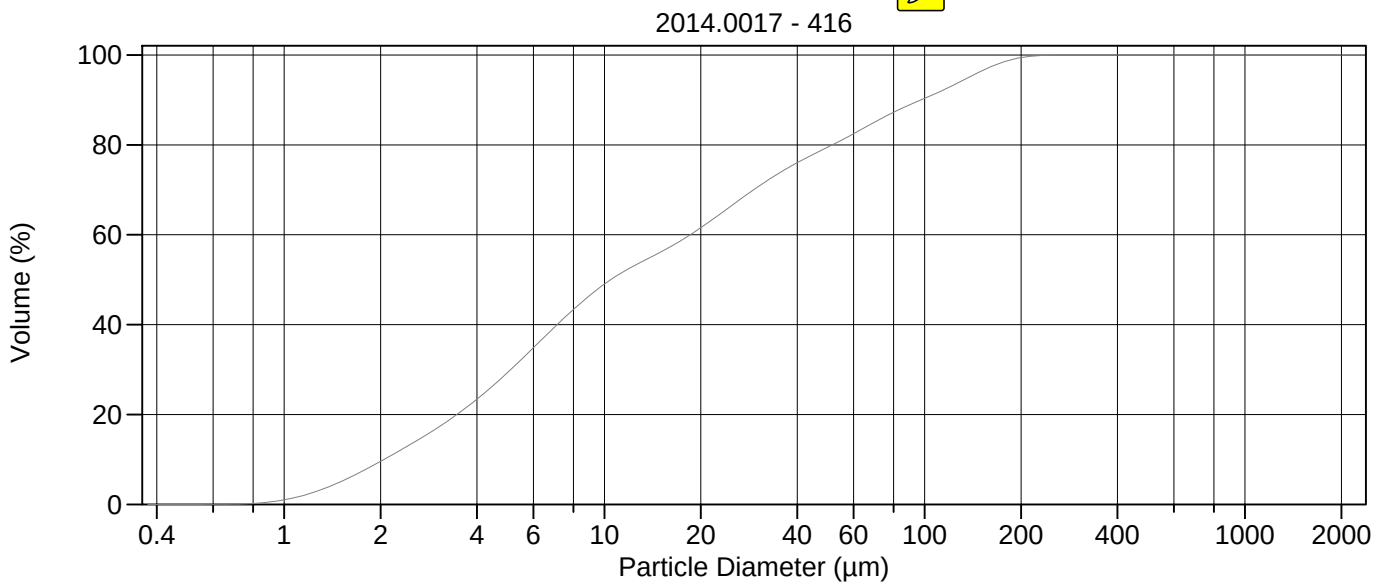
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	37.83 µm	95% Conf. Limits:	0-135.7 µm
Median:	12.46 µm	S.D.:	49.91 µm
D(3,2):	6.005 µm	Variance:	2491 μm^2
Mean/Median Ratio:	3.037	C.V.:	132%
Mode:	5.878 µm	Skewness:	1.696 Right skewed
d_{10}:	2.148 µm	Kurtosis:	2.176 Leptokurtic
d_{50}:	12.46 µm		
d_{90}:	119.1 µm		
Specific Surf. Area	9992 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.148	4.544	12.46	53.82	119.1

415.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.86	500.0	100
5.000	27.6	1000	100
10.00	46.2	2000	100
15.00	52.6		
20.00	57.4		
25.00	61.8		
50.00	73.8		
60.00	76.9		
63.00	77.8		
70.00	79.8		
75.00	81.0		
90.00	84.4		
125.0	91.0		
200.0	98.9		
250.0	99.9		
400.0	100		



Volume Statistics (Arithmetic) 416.$02

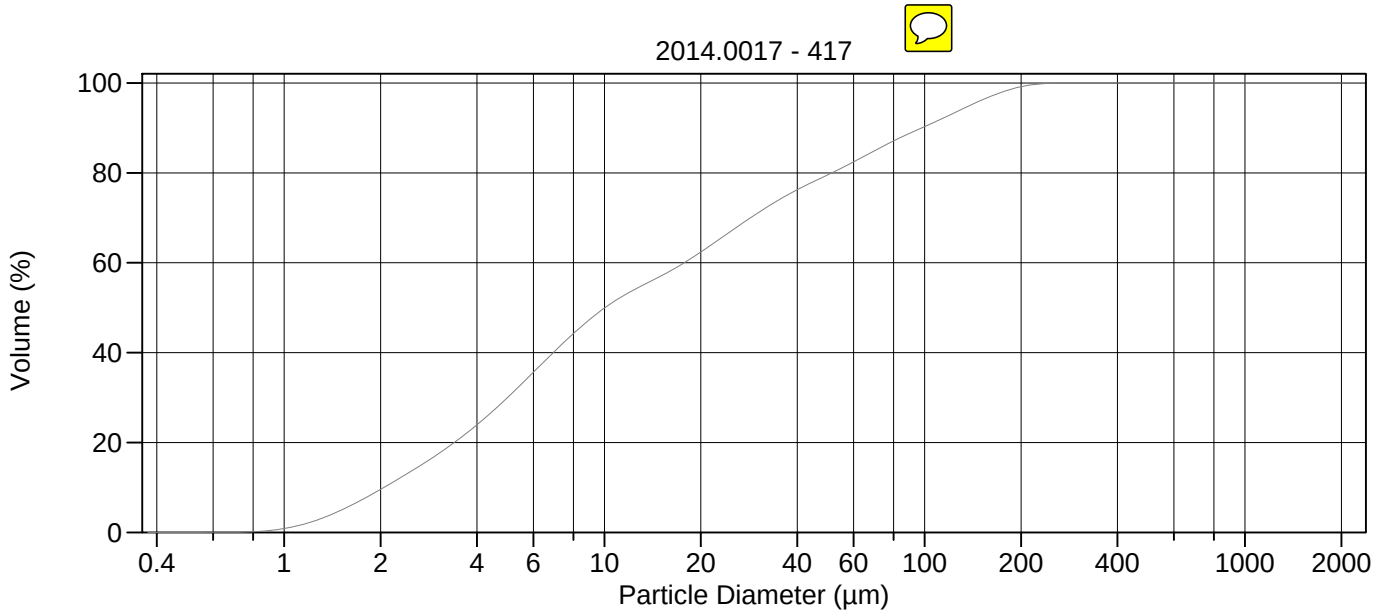
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	31.27 µm	95% Conf. Limits:	0-117.0 µm
Median:	10.48 µm	S.D.:	43.73 µm
D(3,2):	5.609 µm	Variance:	1913 μm^2
Mean/Median Ratio:	2.985	C.V.:	140%
Mode:	6.452 µm	Skewness:	2.046 Right skewed
d_{10}:	2.050 µm	Kurtosis:	3.779 Leptokurtic
d_{50}:	10.48 µm		
d_{90}:	97.42 µm		
Specific Surf. Area	10697 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.050	4.258	10.48	37.67	97.42

416.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.59	500.0	100
5.000	29.4	1000	100
10.00	49.0	2000	100
15.00	56.2		
20.00	61.6		
25.00	66.5		
50.00	79.5		
60.00	82.5		
63.00	83.3		
70.00	85.1		
75.00	86.3		
90.00	88.9		
125.0	93.6		
200.0	99.4		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 417.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	31.33 µm	95% Conf. Limits:	0-119.0 µm
Median:	10.04 µm	S.D.:	44.74 µm
D(3,2):	5.574 µm	Variance:	2002 μm^2
Mean/Median Ratio:	3.119	C.V.:	143%
Mode:	5.878 µm	Skewness:	2.110 Right skewed
d_{10}:	2.050 µm	Kurtosis:	4.142 Leptokurtic
d_{50}:	10.04 µm		
d_{90}:	97.84 µm		
Specific Surf. Area	10765 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.050	4.166	10.04	37.13	97.84

417.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.57	500.0	100
5.000	30.1	1000	100
10.00	49.9	2000	100
15.00	57.0		
20.00	62.4		
25.00	67.2		
50.00	79.6		
60.00	82.4		
63.00	83.2		
70.00	85.0		
75.00	86.1		
90.00	88.8		
125.0	93.5		
200.0	99.2		
250.0	99.9		
400.0	100		

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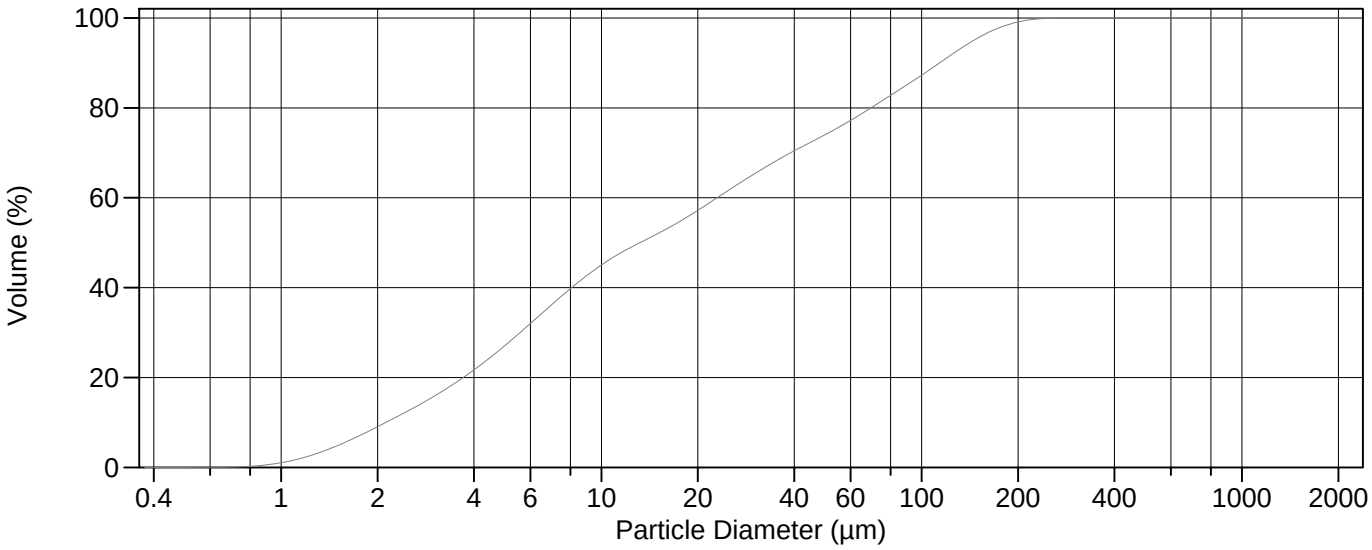

Volume Statistics (Arithmetic) 418.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	36.94 µm	95% Conf. Limits:	0-131.1 µm
Median:	13.20 µm	S.D.:	48.05 µm
D(3,2):	5.990 µm	Variance:	2309 µm^2
Mean/Median Ratio:	2.799	C.V.:	130%
Mode:	6.452 µm	Skewness:	1.709 Right skewed
d_{10}:	2.126 µm	Kurtosis:	2.328 Leptokurtic
d_{50}:	13.20 µm		
d_{90}:	113.8 µm		
Specific Surf. Area	10016 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.126	4.601	13.20	52.98	113.8

418.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.05	500.0	100
5.000	27.1	1000	100
10.00	45.0	2000	100
15.00	52.0		
20.00	57.2		
25.00	61.7		
50.00	74.0		
60.00	77.2		
63.00	78.1		
70.00	80.2		
75.00	81.5		
90.00	85.1		
125.0	92.0		
200.0	99.1		
250.0	99.9		
400.0	100		

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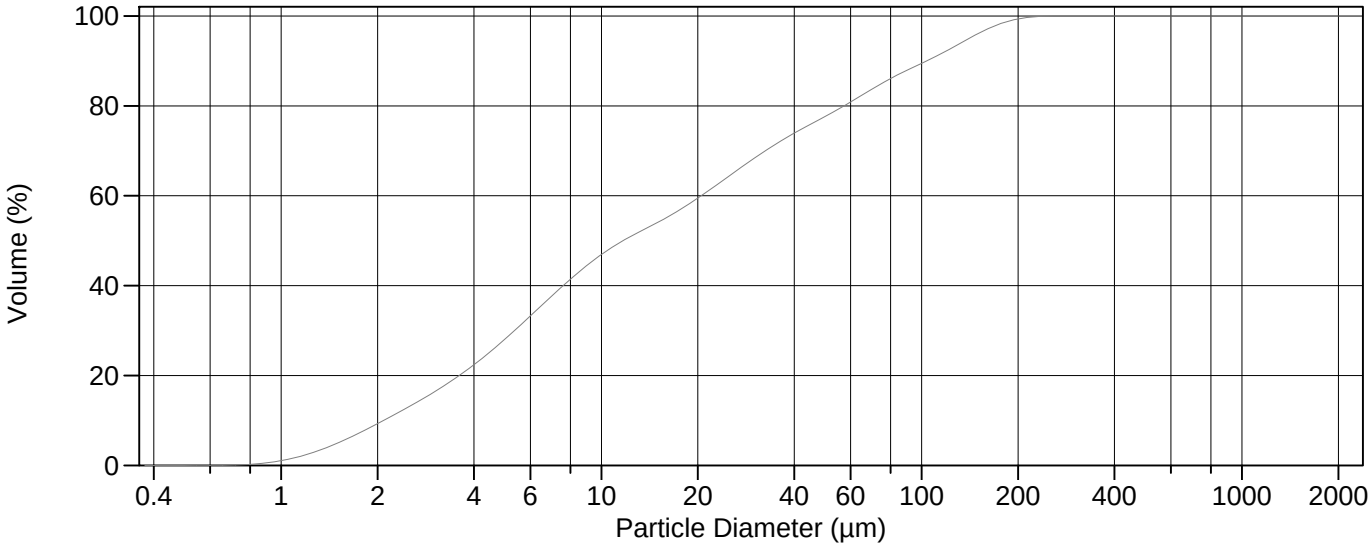


Volume Statistics (Arithmetic) 419.$02

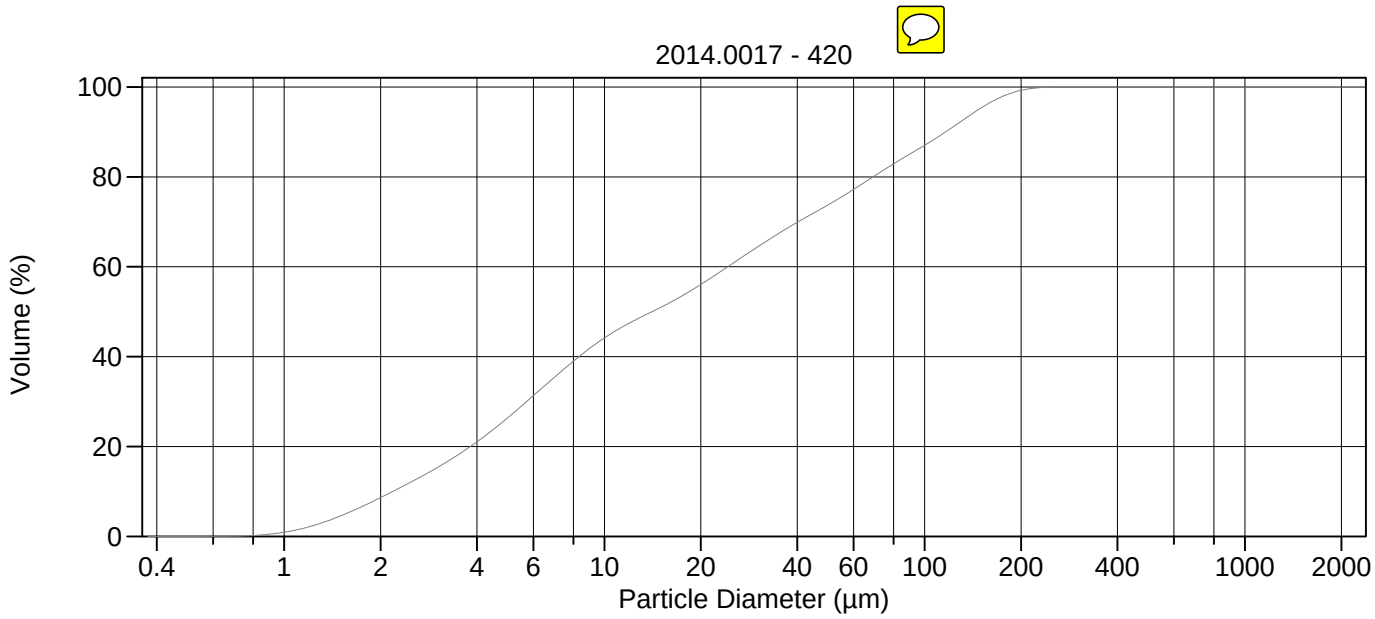
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	33.28 µm	95% Conf. Limits:	0-121.8 µm
Median:	11.68 µm	S.D.:	45.14 µm
D(3,2):	5.794 µm	Variance:	2038 μm^2
Mean/Median Ratio:	2.848	C.V.:	136%
Mode:	6.452 µm	Skewness:	1.929 Right skewed
d_{10}:	2.090 µm	Kurtosis:	3.252 Leptokurtic
d_{50}:	11.68 µm		
d_{90}:	103.6 µm		
Specific Surf. Area	10356 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.090	4.449	11.68	42.62	103.6

419.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.29	500.0	100
5.000	28.1	1000	100
10.00	46.9	2000	100
15.00	54.1		
20.00	59.5		
25.00	64.4		
50.00	77.6		
60.00	80.9		
63.00	81.8		
70.00	83.8		
75.00	85.0		
90.00	87.9		
125.0	93.0		
200.0	99.3		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 420.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	37.47 µm	95% Conf. Limits:	0-131.7 µm
Median:	14.09 µm	S.D.:	48.09 µm
D(3,2):	6.169 µm	Variance:	2313 μm^2
Mean/Median Ratio:	2.659	C.V.:	128%
Mode:	6.452 µm	Skewness:	1.665 Right skewed
d_{10}:	2.186 µm	Kurtosis:	2.075 Leptokurtic
d_{50}:	14.09 µm		
d_{90}:	116.3 µm		
Specific Surf. Area	9726 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.186	4.726	14.09	53.48	116.3

420.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.62	500.0	100
5.000	26.4	1000	100
10.00	44.2	2000	100
15.00	51.0		
20.00	56.0		
25.00	60.6		
50.00	73.8		
60.00	77.2		
63.00	78.2		
70.00	80.3		
75.00	81.7		
90.00	85.1		
125.0	91.5		
200.0	99.2		
250.0	100.0		
400.0	100		

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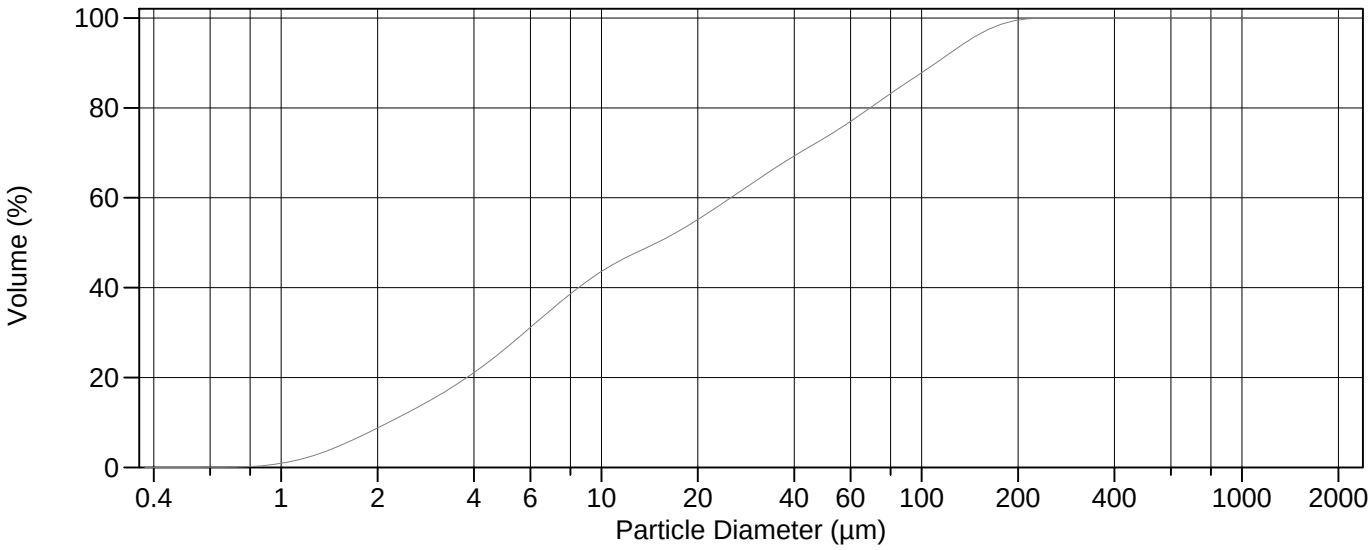

Volume Statistics (Arithmetic) 421.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	36.85 µm	95% Conf. Limits:	0-126.9 µm
Median:	14.90 µm	S.D.:	45.93 µm
D(3,2):	6.179 µm	Variance:	2109 μm^2
Mean/Median Ratio:	2.473	C.V.:	125%
Mode:	5.878 µm	Skewness:	1.602 Right skewed
d_{10}:	2.164 µm	Kurtosis:	1.885 Leptokurtic
d_{50}:	14.90 µm		
d_{90}:	110.8 µm		
Specific Surf. Area	9711 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.164	4.735	14.90	54.39	110.8

421.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.77	500.0	100
5.000	26.4	1000	100
10.00	43.6	2000	100
15.00	50.1		
20.00	55.2		
25.00	59.7		
50.00	73.4		
60.00	77.0		
63.00	78.0		
70.00	80.3		
75.00	81.8		
90.00	85.6		
125.0	92.6		
200.0	99.5		
250.0	100.0		
400.0	100		

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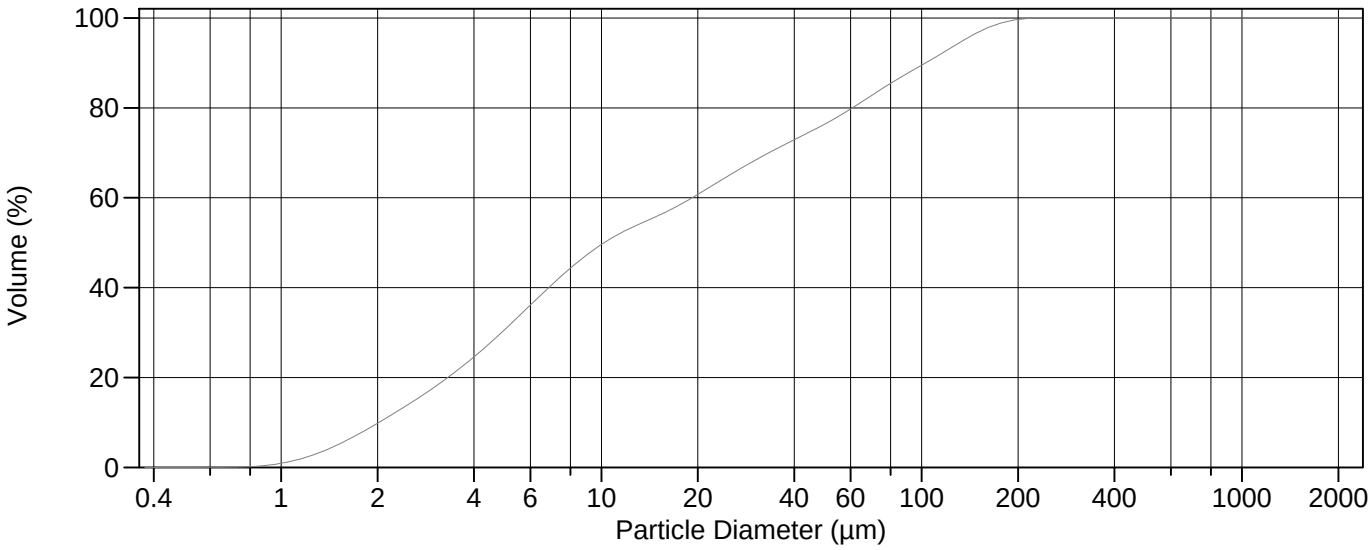


Volume Statistics (Arithmetic) 422#.$02

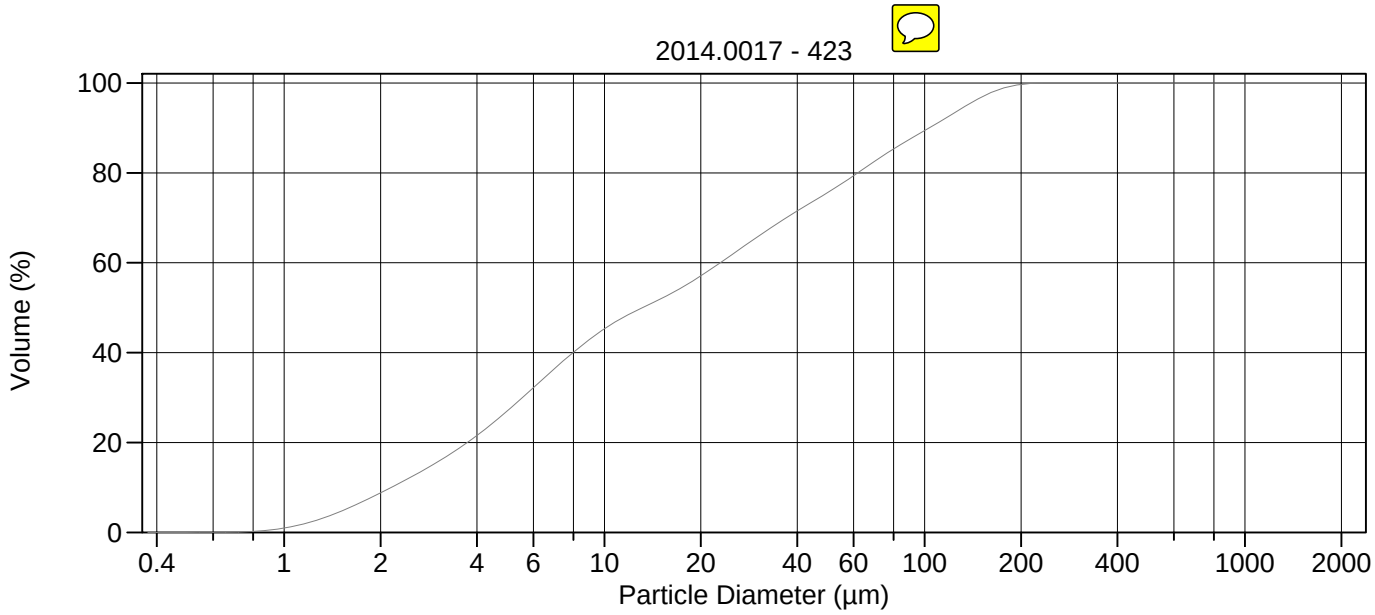
Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	32.75 µm	95% Conf. Limits:	0-118.8 µm
Median:	10.21 µm	S.D.:	43.89 µm
D(3,2):	5.542 µm	Variance:	1927 μm^2
Mean/Median Ratio:	3.208	C.V.:	134%
Mode:	5.878 µm	Skewness:	1.770 Right skewed
d_{10}:	2.018 µm	Kurtosis:	2.496 Leptokurtic
d_{50}:	10.21 µm		
d_{90}:	102.8 µm		
Specific Surf. Area	10827 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.018	4.066	10.21	45.78	102.8

422#.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	9.84	500.0	100
5.000	30.7	1000	100
10.00	49.6	2000	100
15.00	56.0		
20.00	60.7		
25.00	65.0		
50.00	76.4		
60.00	79.7		
63.00	80.7		
70.00	82.8		
75.00	84.2		
90.00	87.6		
125.0	93.6		
200.0	99.7		
250.0	100.0		
400.0	100		



Volume Statistics (Arithmetic) 423.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	34.19 µm	95% Conf. Limits:	0-119.7 µm
Median:	13.14 µm	S.D.:	43.65 µm
D(3,2):	6.021 µm	Variance:	1905 μm^2
Mean/Median Ratio:	2.602	C.V.:	128%
Mode:	5.878 µm	Skewness:	1.725 Right skewed
d_{10}:	2.159 µm	Kurtosis:	2.392 Leptokurtic
d_{50}:	13.14 µm		
d_{90}:	103.4 µm		
Specific Surf. Area	9965 cm^2/ml		

% <	10	25	50	75	90
Size µm	2.159	4.605	13.14	48.18	103.4

423.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	8.80	500.0	100
5.000	27.1	1000	100
10.00	45.3	2000	100
15.00	52.0		
20.00	57.1		
25.00	61.8		
50.00	75.7		
60.00	79.4		
63.00	80.4		
70.00	82.6		
75.00	84.1		
90.00	87.5		
125.0	93.5		
200.0	99.7		
250.0	100.0		
400.0	100		

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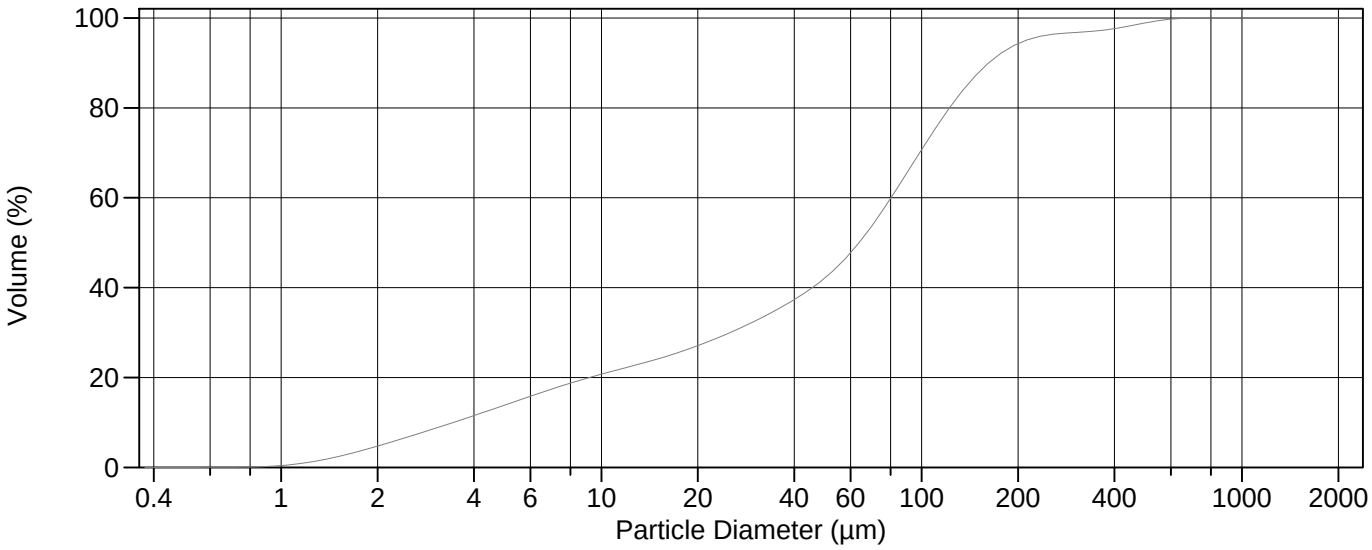

Volume Statistics (Arithmetic) 424.$02

Calculations from 0.375 µm to 2000 µm

Volume	100.0%		
Mean:	80.77 µm	95% Conf. Limits:	0-259.3 µm
Median:	63.76 µm	S.D.:	91.07 µm
D(3,2):	11.28 µm	Variance:	8294 μm^2
Mean/Median Ratio:	1.267	C.V.:	113%
Mode:	96.49 µm	Skewness:	2.832 Right skewed
d_{10}:	3.450 µm	Kurtosis:	11.08 Leptokurtic
d_{50}:	63.76 µm		
d_{90}:	161.8 µm		
Specific Surf. Area	5319 cm^2/ml		

% <	10	25	50	75	90
Size µm	3.450	16.45	63.76	109.4	161.8

424.$02

Particle Diameter µm	Volume % <	Particle Diameter µm	Volume % <
2.000	4.75	500.0	98.9
5.000	13.9	1000	100
10.00	20.8	2000	100
15.00	24.1		
20.00	27.1		
25.00	29.9		
50.00	42.2		
60.00	47.8		
63.00	49.5		
70.00	53.8		
75.00	56.9		
90.00	65.6		
125.0	80.9		
200.0	94.3		
250.0	96.3		
400.0	97.6		

NGU Norges geologiske undersøkelse
7491 TRONDHEIM
Tlf.: 73 90 40 00
Telefaks: 73 92 16 20

Totalt karbon / Totalt svovel / Totalt organisk karbon
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017

INSTRUMENT: **Leco SC-632**

METODER: **BESTEMMELSER AV TOTALT KARBON (TC) / TOTALT SVOVEL (TS) / TOTALT ORGANISK KARBON (TOC)**
Forbrenningsanalyser i henhold til metodebeskrivelser i NGU-SD 2.14, NGU-SD 2.15 og NGU-SD 2.16.

I) TOTALT KARBON (TC)
Nedre bestemmelsesgrense [% C]: **0.06**

Analyseusikkerhet

Måleområde	Usikkerhet
0.06 - 0.5 %	± 0.07 %
> 0.5 %	± 15 % rel.

II) TOTALT SVOVEL (TS)
Nedre bestemmelsesgrense [% S]: **0.02**

Analyseusikkerhet

Måleområde	Usikkerhet
0.02 - 3.0 %	± 30 % rel.
> 3.0 %	± 20 % rel.

III) TOTALT ORGANISK KARBON (TOC)
Nedre bestemmelsesgrense [% TOC]: **0.1**

Analyseusikkerhet

Måleområde	Usikkerhet
0.1 - 3.0 %	± 25 % rel.
> 3.0 %	± 20 % rel.

Oppgitte usikkerheter har dekningsfaktor 2 (2 standardavvik), noe som tilsvarer et konfidensintervall på 95 %.

PRESISJON : Det analyseres rutinemessig kontrollprøver som føres i kontrolldiagram (X-diagram). Disse kan forevises om ønskelig.

ANTALL PRØVER: 424

ANMERKNINGER: **Metoden er under validering, og data rapporteres derfor ikke akkreditert. Usikkerhetsestimatene er foreløpige**
TS og TC er analysert med tilsats av katalysator.

Gjengivelse av analysedata skal skje på en slik måte at meningsinnholdet i rapporten ikke endres.

Ferdig analysert	22. mai. 2014	Anne Nordtømme
	Dato	OPERATØR

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Totalt karbon / Totalt svovel / Totalt organisk karbon
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017

Prøve ID	NGU-prøvenr	Svovel [%]	Karbon [%]	TOC [%]	karbonat [%]
Standard Hynne		0.06	1.02	0.49	4.43
MINN standard		< 0.02	0.81	0.49	2.63
R1080BC010KA 0-1cm	79401	0.07	2.40	0.45	16.27
R1093MC001KA 0-1cm	79430	0.10	2.51	0.65	15.48
Standard Hynne		0.07	0.94	0.47	3.95
R1093MC001KA 1-2cm	79431	0.11	2.71	0.74	16.45
R1093MC001KA 2-3cm	79432	0.08	2.56	0.67	15.71
R1093MC001KA 3-4cm	79433	0.09	2.34	0.59	14.55
R1093MC001KA 4-5cm	79434	0.07	2.19	0.46	14.38
R1093MC001KA 5-6cm	79435	0.08	2.25	0.54	14.27
R1093MC001KA 6-7cm	79436	0.07	2.35	0.58	14.74
R1093MC001KA 7-8cm	79437	0.08	2.31	0.59	14.34
R1093MC001KA 8-9cm	79438	0.07	2.12	0.51	13.44
R1093MC001KA 9-10cm	79439	0.07	2.06	0.47	13.24
R1093MC001KA 10-11cm	79440	0.08	2.15	0.47	13.96
R1093MC001KA 11-12cm	79441	0.07	2.13	0.45	14.04
R1093MC001KA 12-13cm	79442	0.07	2.11	0.48	13.61
R1093MC001KA 13-14cm	79443	0.08	2.25	0.47	14.79
R1093MC001KA 14-15cm	79444	0.09	2.17	0.51	13.84
R1093MC001KA 16-17cm	79446	0.08	2.09	0.51	13.19
R1093MC001KA 18-19cm	79448	0.08	1.83	0.43	11.67
R1093MC001KA 20-21cm	79450	0.07	1.88	0.44	12.00
R1093MC001KA 22-23cm	79452	0.08	1.78	0.44	11.17
R1093MC001KA 24-25cm	79454	0.07	1.63	0.40	10.28
R1093MC001KA 26-27cm	79456	0.08	1.54	0.46	8.96
R1093MC001KA 28-29cm	79458	0.07	1.49	0.47	8.46
R1093MC001KA 30-31cm	79460	0.08	1.65	0.53	9.34
R1093MC001KA 32-33cm	79462	0.08	1.72	0.57	9.60
R1093MC001KA 34-35cm	79464	0.09	1.67	0.55	9.33
R1093MC001KA 36-37cm	79466	0.10	1.59	0.55	8.63
R1093MC001KA 38-39cm	79468	0.08	1.63	0.47	9.65
R1093MC001KA 40-41cm	79470	0.08	1.50	0.50	8.31
Standard Hynne		0.06	1.06	0.48	4.81
MINN standard		< 0.02	0.79	0.45	2.84
R1096MC002KA 0-1cm	79504	0.06	1.60	0.30	10.85

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Prøve ID	NGU-prøvenr	Svovel [%]	Karbon [%]	TOC [%]	karbonat [%]
R1114MC003kA 0-1cm	79557	0.08	1.91	0.52	11.59
R1114MC003kA 1-2cm	79558	0.09	2.10	0.60	12.52
R1114MC003kA 2-3cm	79559	0.08	2.23	0.58	13.75
R1114MC003kA 3-4cm	79560	0.08	2.15	0.53	13.51
R1114MC003kA 4-5cm	79561	0.09	2.11	0.51	13.33
R1114MC003kA 5-6cm	79562	0.06	2.13	0.52	13.44
R1114MC003kA 6-7cm	79563	0.07	2.05	0.47	13.15
R1114MC003kA 7-8cm	79564	0.06	2.00	0.45	12.92
R1114MC003kA 8-9cm	79565	0.06	1.80	0.43	11.42
R1114MC003kA 9-10cm	79566	0.07	1.89	0.39	12.50
R1114MC003kA 10-11cm	79567	0.06	1.68	0.37	10.95
R1114MC003kA 11-12cm	79568	0.06	1.68	0.35	11.11
R1114MC003kA 12-13cm	79569	0.06	1.63	0.20	11.88
R1114MC003kA 13-14cm	79570	0.06	1.62	0.40	10.14
R1114MC003kA14-15cm	79571	0.07	1.85	0.40	12.05
R1114MC003kA16-17cm	79573	0.05	1.64	0.44	10.04
R1114MC003kA 18-19cm	79575	0.05	1.43	0.35	8.99
R1114MC003kA 20-21cm	79577	0.06	1.27	0.38	7.46
R1114MC003kA22-23cm	79579	0.08	1.60	0.40	9.96
R1119MC004KA 0-1cm	79612	0.06	1.63	0.34	10.77
R1129MC005KA 0-1cm	79700	0.07	1.85	0.40	12.09
R1133MC006KA 0-1cm	79778	0.14	2.60	0.66	16.15
R0932BX029K1 0-1cm	79917	0.17	3.56	1.27	19.08
Standard Hynne		0.06	0.99	0.50	4.05
MINN standard		< 0.02	0.76	0.47	2.42
R0942BX026K1 0-1cm	79882	0.18	3.85	1.32	21.07
R0942BX026K1 1-2cm	79883	0.22	4.15	1.40	22.91
R0942BX026K1 2-3cm	79884	0.13	4.16	1.38	23.16
R0942BX026K1 3-4cm	79885	0.12	4.16	1.36	23.32
R0942BX026K1 4-5cm	79886	0.15	4.22	1.41	23.41
R0942BX026K1 5-6cm	79887	0.15	4.32	1.44	23.99
R0942BX026K1 6-7cm	79888	0.11	4.41	1.49	24.32
R0942BX026K1 7-8cm	79889	0.13	4.33	1.46	23.91
R0942BX026K1 8-9cm	79890	0.14	4.40	1.46	24.49
R0942BX026K1 9-10cm	79891	0.17	4.32	1.46	23.82

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Prøve ID	NGU-prøvenr	Svovel [%]	Karbon [%]	TOC [%]	karbonat [%]
R0942BX026K1 10-11cm	79892	0.15	4.30	1.44	23.82
R0942BX026K1 11-12cm	79893	0.17	4.28	1.44	23.66
R0942BX026K1 12-13cm	79894	0.18	4.36	1.42	24.49
R0942BX026K1 13-14cm	79895	0.15	4.20	1.41	23.24
R0942BX026K1 14-15cm	79896	0.20	4.07	1.41	22.16
R0942BX026K1 16-17cm	79898	0.20	4.20	1.43	23.07
R0942BX026K1 18-19cm	79900	0.20	4.09	1.36	22.74
R0942BX026K1 20-21cm	79902	0.19	3.98	1.28	22.49
R0942BX026K1 22-23cm	79904	0.22	3.89	1.19	22.49
R0942BX026K1 24-25cm	79906	0.17	3.86	1.17	22.41
R0973BX025K1 0-1cm	79852	0.09	2.00	0.71	10.76
R1137MC009KA 0-1cm	79978	0.19	2.14	1.79	2.92
Standard Hynne		0.04	0.91	0.53	3.17
MINN standard		< 0.02	0.76	0.58	1.52
R1139MC010KA 0-1cm	80042	0.14	1.91	1.48	3.58
R1139MC010KA 1-2cm	80043	0.15	1.76	1.45	2.58
R1139MC010KA 2-3cm	80044	0.13	1.62	1.39	1.92
R1139MC010KA 3-4cm	80045	0.12	1.56	1.30	2.17
R1139MC010KA 4-5cm	80046	0.10	1.57	1.32	2.08
R1139MC010KA 5-6cm	80047	0.10	1.59	1.34	2.08
R1139MC010KA 6-7cm	80048	0.17	1.65	1.35	2.50
R1139MC010KA 7-8cm	80049	0.15	1.54	1.29	2.08
R1139MC010KA 8-9cm	80050	0.14	2.08	1.27	6.75
R1139MC010KA 9-10cm	80051	0.09	1.34	1.17	1.42
R1139MC010KA 10-11cm	80052	0.11	1.29	1.12	1.42
R1139MC010KA 11-12cm	80053	0.07	1.30	1.11	1.58
R1139MC010KA 12-13cm	80054	0.09	1.35	1.09	2.17
R1139MC010KA 13-14cm	80055	0.07	1.25	1.04	1.75
R1139MC010KA 14-15cm	80056	0.07	1.26	1.03	1.92
R1139MC010KA 16-17cm	80058	0.07	1.21	0.98	1.96
R1139MC010KA 18-19cm	80060	0.11	1.19	0.92	2.27
R1139MC010KA 20-21cm	80062	0.14	1.15	0.85	2.53
R1139MC010KA 22-23cm	80064	0.13	1.12	0.80	2.64
R1139MC010KA 24-25cm	80066	0.12	1.08	0.81	2.24
R1139MC010KA 26-27cm	80068	0.13	1.05	0.77	2.32

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Prøve ID	NGU-prøvenr	Svovel [%]	Karbon [%]	TOC [%]	karbonat [%]
R1139MC010KA 28-29cm	80070	0.18	1.03	0.77	2.13
R1139MC010KA 30-31cm	80072	0.19	0.97	0.69	2.34
Standard Hynne		0.07	0.95	0.48	3.92
MINN standard		< 0.02	0.81	0.47	2.84
R1146MC011KA 0-1cm	80106	0.19	1.91	1.50	3.42
R1146MC011KA 1-2cm	80107	0.22	2.00	1.57	3.58
R1146MC011KA 2-3cm	80108	0.17	1.95	1.50	3.75
R1146MC011KA3-4cm	80109	0.17	1.99	1.49	4.17
R1146MC011KA 4-5cm	80110	0.12	1.79	1.50	2.42
R1146MC011KA 5-6cm	80111	0.15	1.84	1.56	2.33
R1146MC011KA 6-7cm	80112	0.14	1.85	1.54	2.58
R1146MC011KA 7-8cm	80113	0.16	1.86	1.53	2.75
R1146MC011KA 8-9cm	80114	0.13	1.82	1.54	2.33
R1146MC011KA 9-10cm	80115	0.14	1.84	1.50	2.83
R1146MC011KA 10-11cm	80116	0.12	1.85	1.54	2.58
R1146MC011KA 11-12cm	80117	0.13	1.74	1.59	1.25
R1146MC011KA12-13cm	80118	0.14	1.80	1.51	2.42
R1146MC011KA 13-14cm	80119	0.12	1.76	1.54	1.83
R1146MC011KA 14-15cm	80120	0.12	1.79	1.44	2.92
R1146MC011KA 16-17cm	80122	0.13	1.74	1.56	1.50
R1146MC011KA 18-19cm	80124	0.16	1.78	1.58	1.67
R1146MC011KA 20-21cm	80126	0.16	1.79	1.47	2.67
R1146MC011KA 22-23cm	80128	0.16	1.64	1.47	1.42
R1146MC011KA 24-25cm	80130	0.13	1.69	1.41	2.33
R1146MC011KA 26-27cm	80132	0.16	1.56	1.41	1.25
R1146MC011KA 28-29cm	80134	0.16	1.62	1.32	2.50
R1146MC011KA 30-31cm	80136	0.17	1.52	1.34	1.50
R1146MC011KA 32-33cm	80138	0.18	1.52	1.29	1.92
R1146MC011KA 34-35cm	80140	0.17	1.46	1.37	0.75
R1146MC011KA 36-37cm	80142	0.20	1.57	1.36	1.75
R1146MC011KA 38-39cm	80144	0.23	1.65	1.40	2.08
Standard Hynne		0.07	0.97	0.50	3.95
MINN standard		< 0.02	0.79	0.52	2.27
R1165MC012KA 0-1cm	80186	0.17	1.96	1.43	4.41
R1165MC012KA 1-2cm	80187	0.14	1.72	1.36	3.00

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Prøve ID	NGU-prøvenr	Svovel [%]	Karbon [%]	TOC [%]	karbonat [%]
R1165MC012KA 2-3cm	80188	0.17	1.66	1.35	2.58
R1165MC012KA3-4cm	80189	0.12	1.60	1.33	2.25
R1165MC012KA 4-5cm	80190	0.15	1.60	1.32	2.33
R1165MC012KA 5-6cm	80191	0.14	1.61	1.32	2.42
R1165MC012KA 6-7cm	80192	0.10	1.64	1.34	2.50
R1165MC012KA 7-8cm	80193	0.12	1.63	1.33	2.50
R1165MC012KA 8-9cm	80194	0.12	1.63	1.31	2.67
R1165MC012KA 9-10cm	80195	0.09	1.64	1.35	2.42
R1165MC012KA 10-11cm	80196	0.11	1.63	1.31	2.67
R1165MC012KA 11-12cm	80197	0.10	1.59	1.27	2.67
R1165MC012KA12-13cm	80198	0.11	1.61	1.31	2.50
R1165MC012KA 13-14cm	80199	0.09	1.57	1.19	3.17
R1165MC012KA 14-15cm	80200	0.11	1.52	1.22	2.50
R1165MC012KA 16-17cm	80202	0.12	1.67	1.37	2.50
R1165MC012KA 18-19cm	80204	0.14	1.56	1.33	1.92
R1165MC012KA 20-21cm	80206	0.18	1.59	1.28	2.58
R1165MC012KA 22-23cm	80208	0.19	1.60	1.32	2.33
R1165MC012KA 24-25cm	80210	0.21	1.59	1.29	2.50
R1165MC012KA 26-27cm	80212	0.19	1.60	1.28	2.67
R1165MC012KA 28-29cm	80214	0.28	1.56	1.29	2.25
R1165MC012KA 30-31cm	80216	0.28	1.52	1.23	2.42
R1165MC012KA 32-33cm	80218	0.24	1.51	1.18	2.75
R1165MC012KA 34-35cm	80220	0.19	1.46	1.15	2.58
R1165MC012KA 36-37cm	80222	0.27	1.45	1.16	2.42
R1165MC012KA 38-39cm	80224	0.25	1.45	1.10	2.92
R1165MC012KA 40-41cm	80226	0.23	1.44	1.16	2.33
R1165MC012KA 42-43cm	80228	0.20	1.46	1.15	2.58
Standard Hynne		0.04	1.14	0.47	5.61
MINN standard		< 0.02	0.78	0.48	2.46
R1174MC013KA 0-1cm	80269	0.12	1.33	0.98	2.92
R1180MC014KA 0-1cm	80308	0.15	1.63	1.21	3.50
R1186MC015KA 0-1cm	80371	0.10	1.38	0.97	3.44
R1186MC015KA 1-2cm	80372	0.11	1.35	0.97	3.20
R1186MC015KA 2-3cm	80373	0.10	1.28	0.96	2.67
R1186MC015KA 3-4cm	80374	0.08	1.31	0.95	3.04

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R1186MC015KA 4-5cm	80375	0.12	1.31	0.95	3.00
R1186MC015KA 5-6cm	80376	0.13	1.25	0.91	2.81
R1186MC015KA 6-7cm	80377	0.10	1.18	0.86	2.67
R1186MC015KA 7-8cm	80378	0.10	1.16	0.82	2.84
R1186MC015KA 8-9cm	80379	0.09	1.15	0.79	3.03
R1186MC015KA 9-10cm	80380	0.08	1.15	0.80	2.92
R1186MC015KA 10-11cm	80381	0.13	1.16	0.80	3.04
R1186MC015KA 11-12cm	80382	0.09	1.11	0.77	2.82
R1186MC015KA12-13cm	80383	0.11	1.11	0.75	2.97
R1186MC015KA 13-14cm	80384	0.11	1.10	0.75	2.90
R1186MC015KA 14-15cm	80385	0.15	1.10	0.74	3.02
R1186MC015KA 16-17cm	80387	0.14	1.08	0.71	3.12
R1186MC015KA 18-19cm	80389	0.13	1.10	0.73	3.11
R1186MC015KA 20-21cm	80391	0.17	1.09	0.75	2.83
R1186MC015KA 22-23cm	80393	0.14	1.13	0.76	3.07
R1186MC015KA 24-25cm	80395	0.13	1.09	0.74	2.90
R1186MC015KA 26-27cm	80397	0.11	1.04	0.68	2.98
R1186MC015KA 28-29cm	80399	0.16	0.96	0.68	2.36
R1186MC015KA 30-31cm	81100	0.11	1.03	0.69	2.87
Standard Hynne		0.06	0.95	0.49	3.87
MINN standard		< 0.02	0.81	0.47	2.82
R1200MC016KA 0-1cm	81064	0.17	0.91	0.56	2.86
R1200MC016KA 1-2cm	81063	0.16	0.89	0.57	2.69
R1200MC016KA 2-3cm	81062	0.13	0.90	0.55	2.94
R1200MC016KA3-4cm	81061	0.14	0.91	0.54	3.11
R1200MC016KA 4-5cm	81060	0.12	0.89	0.55	2.88
R1200MC016KA 5-6cm	81059	0.15	0.87	0.55	2.67
R1200MC016KA 6-7cm	81058	0.15	0.91	0.57	2.83
R1200MC016KA 7-8cm	81057	0.13	0.92	0.57	2.86
R1200MC016KA 8-9cm	81056	0.10	0.92	0.56	3.02
R1200MC016KA 9-10cm	81055	0.13	0.92	0.57	2.95
R1200MC016KA 10-11cm	81054	0.13	0.92	0.57	2.87
R1200MC016KA 11-12cm	81053	0.14	0.90	0.56	2.82
R1200MC016KA12-13cm	81052	0.14	0.92	0.57	2.92
R1200MC016KA 13-14cm	81051	0.13	0.95	0.59	3.00

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R1200MC016KA 14-15cm	81050	0.15	0.95	0.57	3.22
R1200MC016KA 16-17cm	81048	0.13	1.00	0.63	3.11
R1200MC016KA 18-19cm	81046	0.14	1.00	0.60	3.33
R1200MC016KA 20-21cm	81044	0.10	0.96	0.63	2.72
R1200MC016KA 22-23cm	81042	0.08	1.06	0.70	2.97
R1200MC016KA 24-25cm	81040	0.09	1.12	0.78	2.82
R1200MC016KA 26-27cm	81038	0.10	1.23	0.83	3.37
R1200MC016KA 28-29cm	81036	0.12	1.32	0.89	3.57
Standard Hynne		0.05	0.98	0.49	4.05
MINN standard		< 0.02	0.78	0.49	2.44
R1205MC017KA 0-1cm	81008	0.12	1.27	0.88	3.27
R1205MC017KA 1-2cm	81007	0.14	1.30	0.86	3.67
R1205MC017KA 2-3cm	81006	0.13	1.28	0.88	3.35
R1205MC017KA 3-4cm	81005	0.11	1.29	0.96	2.76
R1205MC017KA 4-5cm	81004	0.10	1.26	0.93	2.77
R1205MC017KA 5-6cm	81003	0.13	1.20	0.86	2.85
R1205MC017KA 6-7cm	81002	0.09	1.19	0.78	3.39
R1205MC017KA 7-8cm	81001	0.09	1.18	0.76	3.48
R1205MC017KA 8-9cm	81000	0.08	1.15	0.74	3.38
R1205MC017KA 9-10cm	80999	0.08	1.12	0.73	3.27
R1205MC017KA 10-11cm	80998	0.10	1.08	0.72	2.98
R1205MC017KA 11-12cm	80997	0.09	1.12	0.76	3.04
R1205MC017KA12-13cm	80996	0.09	1.14	0.82	2.69
R1205MC017KA 13-14cm	80995	0.10	1.14	0.77	3.06
R1205MC017KA 14-15cm	80994	0.12	1.11	0.74	3.06
R1205MC017KA 16-17cm	80992	0.12	1.08	0.79	2.46
R1205MC017KA 18-19cm	80990	0.10	1.01	0.75	2.18
R1205MC017KA 20-21cm	80988	0.12	1.08	0.76	2.63
R1205MC017KA 22-23cm	80986	0.13	1.04	0.75	2.45
R1205MC017KA 24-25cm	80984	0.13	1.04	0.72	2.68
R1205MC017KA 26-27cm	80982	0.10	1.01	0.69	2.71
Standard Hynne		0.05	1.32	0.45	7.24
MINN standard		< 0.02	0.76	0.48	2.36
R1213MC018KA 0-1cm	80927	0.13	1.69	0.97	5.96
R1213MC018KA 1-2cm	80926	0.10	1.67	1.02	5.41

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Prøve ID	NGU-prøvenr	Svovel [%]	Karbon [%]	TOC [%]	karbonat [%]
R1213MC018KA 2-3cm	80925	0.12	1.59	0.98	5.05
R1213MC018KA 3-4cm	80924	0.10	1.55	0.93	5.13
R1213MC018KA 4-5cm	80923	0.11	1.54	0.93	5.06
R1213MC018KA 5-6cm	80922	0.09	1.52	0.97	4.59
R1213MC018KA 6-7cm	80921	0.09	1.50	0.95	4.62
R1213MC018KA 7-8cm	80920	0.08	1.62	0.94	5.68
R1213MC018KA 8-9cm	80919	0.10	1.57	0.95	5.19
R1213MC018KA 9-10cm	80918	0.12	1.53	0.91	5.19
R1213MC018KA 10-11cm	80917	0.10	1.58	0.95	5.29
R1213MC018KA 11-12cm	80916	0.11	1.54	0.93	5.06
R1213MC018KA12-13cm	80915	0.08	1.59	0.93	5.51
R1213MC018KA 13-14cm	80914	0.14	1.62	0.94	5.67
R1213MC018KA 14-15cm	80913	0.10	1.51	0.87	5.31
R1213MC018KA 16-17cm	80911	0.13	1.47	0.83	5.32
R1213MC018KA 18-19cm	80909	0.11	1.31	0.81	4.20
R1213MC018KA 20-21cm	80907	0.12	1.22	0.67	4.56
R1213MC018KA 22-23cm	80905	0.16	1.27	0.70	4.78
R1213MC018KA 24-25cm	80903	0.17	1.27	0.65	5.16
R1213MC018KA 26-27cm	80901	0.15	1.21	0.65	4.70
R1213MC018KA 28-29cm	80899	0.19	1.38	0.74	5.34
R1213MC018KA 30-31cm	80897	0.18	1.37	0.76	5.06
R1213MC018KA 32-33cm	80895	0.20	1.41	0.80	5.05
R1213MC018KA 34-35cm	80893	0.20	1.41	0.78	5.21
Standard Hynne		0.06	0.94	0.47	3.87
MINN standard		< 0.02	0.78	0.43	2.85
R889MC025KA 0-1cm	81356	0.12	2.63	0.79	15.36
R889MC025KA 1-2cm	81357	0.12	2.53	0.74	14.94
R889MC025KA 2-3cm	81358	0.06	2.54	0.72	15.14
R889MC025KA 3-4cm	81359	0.05	2.54	0.71	15.28
R889MC025KA 4-5cm	81360	0.06	2.49	0.67	15.15
R889MC025KA 5-6cm	81361	0.09	2.40	0.66	14.51
R889MC025KA 6-7cm	81362	0.08	2.46	0.62	15.31
R889MC025KA 7-8cm	81363	0.07	2.46	0.60	15.46
R889MC025KA 8-9cm	81364	0.09	2.51	0.66	15.43
R889MC025KA 9-10cm	81365	0.08	2.46	0.62	15.30

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R889MC025KA 10-11cm	81366	0.10	2.39	0.61	14.84
R889MC025KA 11-12cm	81367	0.08	2.44	0.61	15.27
R889MC025KA 12-13cm	81368	0.12	2.37	0.63	14.53
R889MC025KA13-14cm	81369	0.12	2.31	0.59	14.34
R889MC025KA 14-15cm	81370	0.12	2.30	0.60	14.14
R889MC025KA 16-17cm	81372	0.11	2.32	0.57	14.54
R889MC025KA 18-19cm	81374	0.10	2.23	0.56	13.93
R889MC025KA 20-21cm	81376	0.11	2.15	0.57	13.19
R889MC025KA 22-23cm	81378	0.11	2.09	0.56	12.75
R889MC025KA 24-25cm	81380	0.16	2.10	0.56	12.84
R889MC025KA 26-27cm	81382	0.19	2.17	0.59	13.19
R889MC025KA 28-29cm	81384	0.19	2.15	0.59	12.96
R889MC025KA 30-31cm	81386	0.26	2.17	0.58	13.23
R889MC025KA 32-33cm	81388	0.14	2.60	0.76	15.34
R898MC023KA_0-1cm	81255	0.12	2.78	0.62	17.97
R911MC022KA 0-1cm	81209	0.09	1.85	0.53	11.00
Standard Hynne		0.06	1.03	0.45	4.82
MINN standard		< 0.02	0.77	0.46	2.60
R949MC028KA 0-1cm	81515	0.15	2.89	0.66	18.56
R949MC028KA1-2cm	81516	0.14	2.91	0.64	18.89
R949MC028KA 2-3cm	81517	0.10	2.81	0.61	18.31
R949MC028KA 3-4cm	81518	0.08	2.83	0.58	18.78
R949MC028KA 4-5cm	81519	0.10	2.81	0.54	18.93
R949MC028KA 5-6cm	81520	0.09	2.75	0.55	18.34
R949MC028KA 6-7cm	81521	0.08	2.79	0.55	18.67
R949MC028KA 7-8cm	81522	0.08	2.78	0.54	18.65
R949MC028KA 8-9cm	81523	0.11	2.82	0.54	19.02
R949MC028KA 9-10cm	81524	0.09	2.78	0.54	18.68
R949MC028KA 10-11cm	81525	0.08	2.82	0.53	19.07
R949MC028KA 11-12cm	81526	0.06	2.77	0.53	18.63
R949MC028KA 12-13cm	81527	0.09	2.76	0.51	18.75
R949MC028KA 13-14cm	81528	0.07	2.73	0.49	18.66
R949MC028KA 14-15cm	81529	0.08	2.77	0.47	19.15
R949MC028KA 16-17cm	81531	0.07	2.69	0.46	18.55
R949MC028KA 18-19cm	81533	0.07	2.62	0.44	18.13

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Prøve ID	NGU-prøvenr	Svovel [%]	Karbon [%]	TOC [%]	karbonat [%]
R949MC028KA 20-21cm	81536	0.06	2.48	0.43	17.09
R949MC028KA 22-23cm	81537	0.09	2.48	0.44	16.98
R949MC028KA 24-25cm	81539	0.07	2.43	0.46	16.42
R949MC028KA 26-27cm	81542	0.07	2.05	0.49	13.03
R949MC028KA 28-29cm	81543	0.10	2.05	0.47	13.16
R949MC028KA 30-31cm	81545	0.09	2.32	0.47	15.39
R949MC028KA 32-33cm	81547	0.11	2.20	0.46	14.47
R949MC028KA 34-35cm	81549	0.10	2.04	0.45	13.22
Standard Hynne		0.07	0.97	0.46	4.26
MINN standard		< 0.02	0.80	0.46	2.87
R961MC024KA_0-1cm	81273	0.15	2.58	0.75	15.24
R961MC024KA_1-2cm	81274	0.14	2.50	0.70	14.99
R961MC024KA_2-3cm	81275	0.11	2.54	0.69	15.44
R961MC024KA_3-4cm	81276	0.09	2.55	0.68	15.56
R961MC024KA_4-5cm	81277	0.09	2.56	0.69	15.55
R961MC024KA_5-6cm	81278	0.12	2.58	0.68	15.83
R961MC024KA_6-7cm	81279	0.10	2.59	0.66	16.07
R961MC024KA_7-8cm	81280	0.08	2.56	0.66	15.79
R961MC024KA_8-9cm	81281	0.08	2.57	0.67	15.83
R961MC024KA_9-10cm	81282	0.08	2.59	0.64	16.28
R961MC024KA_10-11cm	81283	0.08	2.59	0.65	16.14
R961MC024KA_11-12cm	81284	0.09	2.54	0.62	16.03
R961MC024KA_12-13cm	81285	0.08	2.56	0.59	16.39
R961MC024KA_13-14cm	81286	0.07	2.53	0.57	16.34
R961MC024KA_14-15cm	81287	0.07	2.54	0.56	16.49
R961MC024KA_16-17cm	81289	0.07	2.49	0.54	16.24
R961MC024KA_18-19cm	81291	0.07	2.48	0.53	16.29
R961MC024KA_20-21cm	81293	0.07	2.44	0.51	16.09
R961MC024KA_22-23cm	81295	0.07	2.43	0.49	16.19
R961MC024KA_24-25cm	81297	0.09	2.25	0.49	14.66
R961MC024KA_26-27cm	81299	0.11	2.12	0.49	13.58
R961MC024KA_28-29cm	81301	0.16	2.08	0.51	13.06
R961MC024KA_30-31cm	81303	0.13	2.00	0.50	12.49
R961MC024KA_32-33cm	81305	0.14	2.00	0.51	12.41
R961MC024KA_34-35cm	81307	0.13	2.05	0.52	12.73

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R961MC024KA_36-37cm	81309	0.15	2.01	0.54	12.22
R961MC024KA_38-39cm	81311	0.20	2.05	0.56	12.43
R1257GR681 0-1cm	80851	0.14	2.59	0.57	16.83
Standard Hynne		0.05	0.97	0.48	4.04
MINN standard		< 0.02	0.78	0.42	3.02
R1261MC020KA 0-1cm	80859	0.24	4.11	1.36	22.91
R1261MC020KA 1-2cm	80860	0.26	4.17	1.35	23.49
R1261MC020KA 2-3cm	80861	0.21	4.23	1.38	23.74
R1261MC020KA 3-4cm	80862	0.22	4.25	1.39	23.82
R1261MC020KA 4-5cm	80863	0.19	4.30	1.35	24.57
R1261MC020KA 5-6cm	80864	0.19	4.38	1.39	24.91
R1261MC020KA 6-7cm	80865	0.17	4.43	1.42	25.07
R1261MC020KA 7-8cm	80866	0.17	4.42	1.44	24.82
R1261MC020KA 8-9cm	80867	0.17	4.41	1.47	24.49
R1261MC020KA 9-10cm	80868	0.15	4.44	1.47	24.74
R1261MC020KA 10-11cm	99860	0.21	4.50	1.44	25.49
R1261MC020KA 11-12cm	80869	0.16	4.52	1.44	25.66
R1261MC020KA 12-13cm	80870	0.13	4.51	1.41	25.82
R1261MC020KA13-14cm	80871	0.17	4.62	1.48	26.16
R1261MC020KA 14-15cm	80872	0.15	4.63	1.45	26.49
R1261MC020KA 15-16cm	80873	0.15	4.71	1.5	26.74
R1261MC020KA 16-17cm	80874	0.15	4.76	1.51	27.07
R1261MC020KA 17-18cm	80875	0.21	4.67	1.49	26.49
R1261MC020KA 18-19cm	80876	0.14	4.74	1.34	28.32
R1261MC020KA 19-20cm	80877	0.14	4.51	1.41	25.82
R1261MC020KA 20-21cm	80878	0.19	4.59	1.4	26.57
R1261MC020KA 21-22cm	80879	0.15	4.57	1.39	26.49
R1261MC020KA 22-23cm	80880	0.15	4.46	1.37	25.74
R1261MC020KA 23-24cm	80881	0.11	4.51	1.34	26.41
R1261MC020KA 24-25cm	80882	0.22	4.53	1.39	26.16
R1261MC020KA 25-26cm	80883	0.22	4.65	1.41	26.99
R1261MC020KA 26-27cm	80884	0.17	4.71	1.42	27.41
R1261MC020KA 27-28cm	80885	0.17	4.60	1.43	26.41
R1261MC020KA 28-29cm	80886	0.17	4.61	1.49	25.99
R1261MC020KA 29-30cm	80887	0.19	4.57	1.55	25.16

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Prøve ID	NGU-prøvenr	Svovel [%]	Karbon [%]	TOC [%]	karbonat [%]
R1261MC020KA 30-31cm	80888	0.17	4.64	1.54	25.82
R1261MC020KA 31-32cm	80889	0.14	4.59	1.52	25.57
R1261MC020KA 32-33cm	80890	0.18	4.50	1.55	24.57
R1261MC020KA 33-34cm	81350	0.15	4.40	1.50	24.16
R1261MC020KA 34-35cm	81349	0.24	4.47	1.48	24.91
R1261MC020KA 35-36cm	81348	0.19	4.38	1.42	24.66
R1261MC020KA 36-37cm	81347	0.28	4.26	1.37	24.07
R1261MC020KA 37-38cm	81346	0.19	4.41	1.33	25.66
R1261MC020KA 38-39cm	81345	0.28	4.31	1.31	24.99
R1261MC020KA 39-40cm	81344	0.21	4.41	1.38	25.24
R1261MC020KA 40-41cm	81343	0.18	4.58	1.44	26.16
R1261MC020KA 41-42cm	81342	0.19	4.44	1.43	25.07
Standard Hynne		0.07	1.10	0.43	5.59
MINN standard		< 0.02	0.70	0.44	2.17
R1271MC021KA 0-1cm	81140	0.26	4.02	1.17	23.74
R1271MC021KA 1-2cm	81141	0.18	4.21	1.28	24.41
R1271MC021KA 2-3cm	81142	0.14	4.42	1.39	25.24
R1271MC021KA 3-4cm	81143	0.23	4.41	1.35	25.49
R1271MC021KA 4-5cm	81144	0.10	4.44	1.30	26.16
R1271MC021KA 5-6cm	81145	0.12	4.54	1.31	26.91
R1271MC021KA 6-7cm	81146	0.07	4.52	1.28	26.99
R1271MC021KA 7-8cm	81147	0.09	4.30	1.20	25.82
R1271MC021KA 8-9cm	81148	0.11	4.45	1.25	26.66
R1271MC021KA 9-10cm	81149	0.13	4.37	1.22	26.24
R1271MC021KA 10-11cm	81150	0.14	4.38	1.28	25.82
R1271MC021KA 11-12cm	81151	0.17	4.26	1.21	25.41
R1271MC021KA 12-13cm	81152	0.14	4.32	1.20	25.99
R1271MC021KA13-14cm	81153	0.14	4.17	1.20	24.74
R1271MC021KA 14-15cm	81154	0.19	4.20	1.15	25.41
R1271MC021KA 16-17cm	81156	0.13	4.18	1.11	25.57
R1271MC021KA 18-19cm	81158	0.13	4.30	1.21	25.74
R1271MC021KA 20-21cm	81160	0.13	4.24	1.18	25.49
R1271MC021KA 22-23cm	81162	0.19	4.25	1.18	25.57
R1271MC021KA 24-25cm	81164	0.26	4.38	1.21	26.41
R1271MC021KA 26-27cm	81166	0.25	4.30	1.19	25.91

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R1271MC021KA 28-29cm	81168	0.21	4.22	1.15	25.57
R1271MC021KA 30-31cm	81170	0.25	4.45	1.20	27.07
R1271MC021KA 32-33cm	81172	0.26	4.41	1.21	26.66
R1284MC027KA 0-1cm	81421	0.06	1.98	0.51	12.24

		Prøve ID	**NGU-prøvenr**	**Svovel**	**Karbon**	**TOC**	**karbonat**	**TS/TOC**
				[%]	**[%]**	**[%]**	**[%]**	
		R1080BC010KA 0-1cm	79401	0.07	2.40	0.45	16.27	0.16
		R1093MC001KA 0-1cm	79430	0.10	2.51	0.65	15.48	0.15
		R1096MC002KA 0-1cm	79504	0.06	1.60	0.30	10.85	0.22
		R1114MC003kA 0-1cm	79557	0.08	1.91	0.52	11.59	0.15
		R1119MC004KA 0-1cm	79612	0.06	1.63	0.34	10.77	0.19
		R1129MC005KA 0-1cm	79700	0.07	1.85	0.40	12.09	0.18
		R1133MC006KA 0-1cm	79778	0.14	2.60	0.66	16.15	0.21
		R0932BX029K1 0-1cm	79917	0.17	3.56	1.27	19.08	0.13
		R0942BX026K1 0-1cm	79882	0.18	3.85	1.32	21.07	0.14
		R0973BX025K1 0-1cm	79852	0.09	2.00	0.71	10.76	0.12
		R889MC025KA 0-1cm	81356	0.12	2.63	0.79	15.36	0.15
		R898MC023KA_0-1cm	81255	0.12	2.78	0.62	17.97	0.20
		R911MC022KA 0-1cm	81209	0.09	1.85	0.53	11.00	0.17
		R949MC028KA 0-1cm	81515	0.15	2.89	0.66	18.56	0.23
		R961MC024KA_0-1cm	81273	0.15	2.58	0.75	15.24	0.20
		R1257GR681 0-1cm	80851	0.14	2.59	0.57	16.83	0.24
		R1261MC020KA 0-1cm	80859	0.24	4.11	1.36	22.91	0.17
		R1271MC021KA 0-1cm	81140	0.26	4.02	1.17	23.74	0.22
		R1284MC027KA 0-1cm	81421	0.06	1.98	0.51	12.24	0.11
		R1137MC009KA 0-1cm	79978	0.19	2.14	1.79	2.92	0.10
		R1139MC010KA 0-1cm	80042	0.14	1.91	1.48	3.58	0.10
		R1146MC011KA 0-1cm	80106	0.19	1.91	1.50	3.42	0.13
		R1165MC012KA 0-1cm	80186	0.17	1.96	1.43	4.41	0.12
		R1174MC013KA 0-1cm	80269	0.12	1.33	0.98	2.92	0.13
		R1180MC014KA 0-1cm	80308	0.15	1.63	1.21	3.50	0.12
		R1186MC015KA 0-1cm	80371	0.10	1.38	0.97	3.44	0.10
		R1200MC016KA 0-1cm	81064	0.17	0.91	0.56	2.86	0.30
		R1205MC017KA 0-1cm	81008	0.12	1.27	0.88	3.27	0.14
		R1213MC018KA 0-1cm	80927	0.13	1.69	0.97	5.96	0.13

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ICP-AES ANALYSER
GEOLOGISK MATERIALE
ANALYSEKONTRAKTNR. 2014.0017

NORSK AKKREDITERING TEST 020

Metoden anvendes på analyseløsninger fremstilt ved ekstraksjon med 7 M HNO_3 i autoklav i samsvar med Norsk Standard - NS 4770

Ettersom denne syrekstraksjonen er partiell, og ikke total, representerer de rapporterte analyseverdiene ikke totalinnhold i prøven.

INSTRUMENT: **ICP-AES type Perkin Elmer Optima 4300 Dual View**

METODE: Metodeoppsettet er beskrevet i NGU-SD 2.11: ICP-AES -analyse av ekstrakter

NEDRE BESTEMMELSESGRENSER (LLQ) OG HØYESTE MÅLEOMRÅDE FOR ANALYSER BASERT PÅ AUTOKLAVEKSTRAKSJON (1 g prøve i 100 ml analysevolum)

(For analyser med fortynningsfaktor som avviker fra 100, blir deteksjonsgrensene automatisk omregnet).

***) Akkreditert parameter.**

	Si ppm	**Al*** ppm	**Fe*** ppm	**Ti*** ppm	**Mg*** ppm	**Ca*** ppm	**Na*** ppm	**K *** ppm	**Mn *** ppm	**P *** ppm	**Cu*** ppm	**Zn*** ppm	**Pb*** ppm	**Ni*** ppm	**Co*** ppm
LLQ	250	20	3	1	100	200	200	100	5	10	1	2	2	1	0.1
Høyeste målegrense	5000	50000	50000	8000	20000	300000	25000	10000	1000	1000	8000	1000	1000	8000	1000

	V * ppm	**Mo*** ppm	**Cd*** ppm	**Cr*** ppm	**Ba*** ppm	**Sr*** ppm	**Zr*** ppm	**B *** ppm	**Be*** ppm	**Li*** ppm	**Sc*** ppm	**Ce*** ppm	**La*** ppm	**Y *** ppm	**As*** ppm	**(Se)** ppm	**(Sn)** ppm
LLQ	1	1	0.1	1	1	1	2	10	0.1	0.5	0.1	2	0.3	0.1	2	10	10
Høyeste målegrense	8000	1000	200	8000	8000	1000	1000	1000	500	1000	1000	8000	1000	1000	8000	1000	1000

(1 mg/kg = 1 ppm)

NB! Analyse for Se og Sn leveres kun på forespørsel.

ANALYSEUSIKKERHET : i) Nedre måleområde (LLQ - 5*LLQ):

± 25 % rel.: Al, Fe, Mg, Ca, Na, K, Mn, Cu, Pb, Ni, Cd, Cr, Ba, Sr, Zr, B, Be, Li, Sc, Ce, La, Y ± 37.5 % rel.: Zn

± 50 % rel.: Ti, P, Co, V, Mo, As, (Se, Sn)

ii) Øvre måleområde (> 5*LLQ):

± 10 % rel.: Al, Fe, Mg, Ca, Na, K, Mn, Cu, Pb, Ni, Cd, Cr, Ba, Sr, Zr, B, Be, Li, Sc, Ce, La, Y ± 15 % rel.: Zn

± 20 % rel.: Ti, P, Co, V, Mo, As, (Se, Sn)

Oppgitte usikkerheter har dekningsfaktor 2 (2 standardavvik), noe som tilsvarer et konfidensintervall på 95 %

PRESISJON : **Det analyseres rutinemessig kontrollprøver som føres i kontrolldiagram (X-diagram). Disse kan forevises om ønskelig.**

ANTALL PRØVER: 424

ANMERKNINGER: Ingen

Gjengivelse av analysedata skal skje på en slik måte at meningsinnholdet i rapporten ikke endres.

Ferdig analysert	26.mai.14	Ruikai Xie
	Dato	OPERATØR

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ICP-AES ANALYSER
GEOLOGISK MATERIALE
ANALYSEKONTRAKTNR. 2014.0017

NORSK AKKREDITERING TEST 020

Prøve ID	Si [mg/kg]	Al [mg/kg]	Fe [mg/kg]	Ti [mg/kg]	Mg [mg/kg]	Ca [mg/kg]	Na [mg/kg]	K [mg/kg]	Mn [mg/kg]	P [mg/kg]	Cu [mg/kg]	Zn [mg/kg]	Pb [mg/kg]	Ni [mg/kg]	Co [mg/kg]
Standard Hynne	<250	21600	28100	1370	14800	19700	6590	7230	371	626	15.9	76.4	12.2	34.5	9.91
MINN standard	284	17700	30400	2150	6450	983	<200	5760	218	385	8.0	62.2	12.0	16.1	9.39
R1080BC010KA 0-1cm	375	9430	12700	501	6610	62900	9900	3500	387	486	5.9	32.7	10.6	14.7	4.57
R1093MC001KA 0-1cm	297	11300	15000	556	7360	58100	14700	3820	744	545	10.4	39.5	16.9	15.1	5.86
Standard Hynne	<250	21200	27600	1330	14400	18300	6350	6990	358	628	15.6	76.5	11.6	35.9	9.89
R1093MC001KA 1-2cm	261	12200	16000	600	7560	60300	12900	4000	787	550	10.8	40.9	17.1	16.8	6.14
R1093MC001KA 2-3cm	<250	12300	16000	610	7480	58800	11900	4000	803	549	10.8	41.4	17.6	18.2	6.21
R1093MC001KA 3-4cm	273	12900	17100	630	7620	59600	10900	4170	880	558	11.2	41.9	14.7	17.9	6.27
R1093MC001KA 4-5cm	271	11600	15700	565	6880	52700	8940	3800	782	492	9.4	37.0	8.2	17.4	6.18
R1093MC001KA 5-6cm	263	12100	16800	590	7240	56900	9860	4040	633	516	9.8	38.0	8.9	15.6	6.42
R1093MC001KA 6-7cm	<250	13100	18100	634	7740	62100	10300	4430	242	521	11.5	41.2	10.0	16.4	5.46
R1093MC001KA 7-8cm	271	12000	15500	591	7160	56500	9480	4130	144	459	11.5	38.0	8.5	14.3	4.38
R1093MC001KA 8-9cm	<250	11400	14800	577	6840	54300	8850	3960	138	439	10.5	36.1	7.3	14.4	4.33
R1093MC001KA 9-10cm	284	12000	15400	593	7130	56400	9030	4200	146	445	10.9	37.9	6.3	14.4	4.62
R1093MC001KA 10-11cm	283	11400	14500	570	6870	54900	8550	4010	141	448	10.7	36.4	5.6	15.9	4.51
R1093MC001KA 11-12cm	279	11600	14900	572	6960	54500	8750	4130	143	434	10.1	36.8	6.3	14.4	4.64
R1093MC001KA 12-13cm	264	11700	15100	573	7100	54500	8940	4210	147	439	10.9	37.2	5.9	15.2	4.82
R1093MC001KA 13-14cm	269	11600	14600	562	6970	53400	8910	4160	149	446	10.9	37.3	5.9	16.3	4.86
R1093MC001KA 14-15cm	<250	12000	14900	583	7220	53900	8880	4340	152	439	10.4	38.4	6.2	16.6	5.06
R1093MC001KA 16-17cm	290	11700	14900	573	7150	50600	10000	4310	146	445	9.7	37.0	6.6	14.4	4.75
R1093MC001KA 18-19cm	305	12000	15200	576	7460	47700	10100	4470	153	433	9.9	38.3	6.0	16.2	4.97
R1093MC001KA 20-21cm	299	11900	15100	561	7390	47500	10100	4410	156	429	10.0	37.8	6.3	15.4	5.05
R1093MC001KA 22-23cm	<250	11500	15600	598	7460	44800	9520	4180	155	449	10.3	36.6	5.9	16.4	5.27
R1093MC001KA 24-25cm	341	12800	18000	632	7940	38300	9320	4810	172	425	9.8	41.0	6.4	16.2	6.07
R1093MC001KA 26-27cm	262	17300	23300	678	10700	33500	10600	6430	221	451	14.0	54.5	8.5	21.9	8.20
R1093MC001KA 28-29cm	<250	15700	20300	529	9760	31500	9040	5820	204	423	12.9	51.1	9.5	20.9	7.14
R1093MC001KA 30-31cm	<250	18100	22300	534	11100	34600	10100	6610	235	460	15.1	59.2	11.1	25.3	8.52
R1093MC001KA 32-33cm	<250	20600	25000	534	12500	34500	10100	7490	262	482	16.2	65.7	11.5	29.3	9.81
R1093MC001KA 34-35cm	<250	22500	27200	498	13900	30600	10500	8010	289	494	19.2	71.9	14.3	35.6	12.2
R1093MC001KA 36-37cm	<250	21300	26700	536	13300	29500	10500	7780	270	478	17.3	68.7	13.1	29.8	10.4
R1093MC001KA 38-39cm	<250	17300	22700	563	10700	34200	9880	6410	223	454	13.9	55.1	10.5	24.8	8.08
R1093MC001KA 40-41cm	<250	21200	25900	503	13100	31600	10800	7750	264	471	17.1	66.8	13.1	29.1	9.72
Standard Hynne	<250	21000	28100	1380	14800	18500	6620	7200	366	624	15.6	76.9	12.1	34.0	9.68
MINN standard	287	17300	29800	2140	6250	1010	223	5680	214	395	7.7	60.4	12.1	15.8	8.87
R1096MC002KA 0-1cm	390	5420	7560	366	4360	39300	6730	1990	233	443	3.2	19.6	6.6	8.2	2.73

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Prøve ID	V [mg/kg]	Mo [mg/kg]	Cd [mg/kg]	Cr [mg/kg]	Ba [mg/kg]	Sr [mg/kg]	Zr [mg/kg]	B [mg/kg]	Be [mg/kg]	Li [mg/kg]	Sc [mg/kg]	Ce [mg/kg]	La [mg/kg]	Y [mg/kg]	As [mg/kg]
Standard Hynne	59.1	<1	<0.1	51.4	79.1	78.5	18.2	25	0.40	27.5	5.06	50.9	23.3	11.6	6.6
MINN standard	35.2	<1	<0.1	21.1	57.3	4.9	8.5	<10	0.26	16.2	2.80	29.9	15.2	8.76	4.5
R1080BC010KA 0-1cm	28.2	<1	0.10	16.5	67.0	243	6.0	28	0.32	14.4	2.64	26.7	12.5	7.74	3.7
R1093MC001KA 0-1cm	40.0	<1	0.11	17.4	121	265	7.4	39	0.40	15.0	3.05	26.2	12.1	7.79	7.5
Standard Hynne	58.2	<1	<0.1	50.4	77.6	73.7	17.9	25	0.41	26.8	5.00	51.6	23.5	11.7	6.5
R1093MC001KA 1-2cm	41.1	<1	0.10	18.4	125	273	7.9	39	0.37	16.2	3.22	28.1	12.8	8.01	7.7
R1093MC001KA 2-3cm	41.0	<1	<0.1	18.6	116	268	8.1	38	0.41	16.2	3.27	27.8	13.0	8.24	7.6
R1093MC001KA 3-4cm	41.7	<1	<0.1	19.5	118	268	8.6	38	0.43	17.2	3.44	29.3	13.6	8.58	6.7
R1093MC001KA 4-5cm	36.9	<1	<0.1	18.1	104	227	8.2	35	0.40	16.0	3.17	27.8	12.6	8.04	5.4
R1093MC001KA 5-6cm	38.6	<1	<0.1	18.9	105	245	8.5	38	0.41	16.4	3.27	28.3	13.1	8.21	6.8
R1093MC001KA 6-7cm	41.4	<1	<0.1	20.7	115	269	9.1	41	0.43	18.1	3.48	30.0	14.0	8.62	6.0
R1093MC001KA 7-8cm	45.9	<1	0.10	18.9	99.7	240	8.5	37	0.41	16.7	3.23	28.4	13.1	8.29	3.8
R1093MC001KA 8-9cm	43.6	<1	0.23	18.0	101	227	8.2	35	0.38	16.2	3.10	27.6	12.6	8.03	4.1
R1093MC001KA 9-10cm	40.6	<1	0.26	18.8	108	236	8.7	37	0.40	17.2	3.25	28.1	13.1	8.26	3.5
R1093MC001KA 10-11cm	39.1	<1	0.23	18.1	105	227	8.5	35	0.40	16.3	3.13	28.6	13.3	8.13	3.4
R1093MC001KA 11-12cm	40.7	<1	0.20	18.4	108	228	8.5	36	0.40	16.6	3.15	28.0	12.9	8.07	3.0
R1093MC001KA 12-13cm	41.4	<1	0.30	18.7	110	225	8.6	36	0.42	16.9	3.19	28.5	13.0	8.16	3.7
R1093MC001KA 13-14cm	39.7	<1	0.25	18.5	110	222	8.8	36	0.39	16.5	3.21	28.4	13.0	8.23	4.2
R1093MC001KA 14-15cm	39.1	<1	0.14	19.0	115	221	9.0	36	0.43	17.4	3.28	29.2	13.4	8.28	3.6
R1093MC001KA 16-17cm	37.6	<1	0.13	18.5	103	210	8.9	36	0.41	17.0	3.21	29.1	13.5	8.17	3.8
R1093MC001KA 18-19cm	38.2	<1	<0.1	19.0	98.6	192	9.5	36	0.42	17.6	3.27	29.7	13.7	8.22	4.3
R1093MC001KA 20-21cm	38.7	<1	0.11	18.9	95.1	191	9.5	36	0.42	17.5	3.24	30.0	13.9	8.24	4.3
R1093MC001KA 22-23cm	38.1	<1	<0.1	21.2	87.1	180	10.0	34	0.41	16.9	3.22	29.1	13.3	7.91	3.6
R1093MC001KA 24-25cm	40.2	<1	<0.1	19.8	83.7	149	12.1	38	0.47	18.9	3.53	31.4	14.5	8.44	4.7
R1093MC001KA 26-27cm	53.4	<1	0.13	26.5	84.3	119	15.8	46	0.65	26.7	4.57	38.9	17.7	9.90	4.8
R1093MC001KA 28-29cm	46.9	<1	0.11	25.5	81.6	106	13.2	43	0.62	24.1	4.19	36.1	16.1	9.06	4.5
R1093MC001KA 30-31cm	53.6	<1	0.25	29.1	86.8	119	13.6	47	0.74	27.9	4.76	40.7	18.1	9.92	5.3
R1093MC001KA 32-33cm	58.9	<1	0.15	32.5	87.3	112	14.4	50	0.81	31.9	5.28	44.9	19.8	10.7	6.2
R1093MC001KA 34-35cm	65.0	<1	0.18	36.3	84.2	88.6	15.2	52	0.91	36.0	5.78	47.9	21.5	11.2	7.0
R1093MC001KA 36-37cm	62.2	<1	0.12	34.2	83.2	89.2	15.6	52	0.87	33.9	5.63	46.8	20.6	11.1	6.1
R1093MC001KA 38-39cm	51.8	<1	0.15	27.9	88.2	117	13.9	45	0.68	26.7	4.56	39.5	17.7	9.63	5.0
R1093MC001KA 40-41cm	61.1	<1	0.13	34.0	85.0	97.7	15.0	52	0.86	33.6	5.51	45.5	20.1	10.7	5.7
Standard Hynne	58.4	<1	<0.1	52.4	78.0	73.0	18.4	25	0.43	26.7	5.08	51.4	23.0	11.4	6.2
MINN standard	33.9	<1	<0.1	20.7	55.2	5.0	8.6	<10	0.27	15.6	2.75	27.7	14.6	8.48	3.8
R1096MC002KA 0-1cm	16.9	<1	<0.1	10.6	41.5	144	4.0	18	0.21	7.34	1.71	19.7	8.86	5.93	2.7

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GEOLOGISK MATERIALE
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NORSK AKKREDITERING TEST 020

Prøve ID	Si [mg/kg]	Al [mg/kg]	Fe [mg/kg]	Ti [mg/kg]	Mg [mg/kg]	Ca [mg/kg]	Na [mg/kg]	K [mg/kg]	Mn [mg/kg]	P [mg/kg]	Cu [mg/kg]	Zn [mg/kg]	Pb [mg/kg]	Ni [mg/kg]	Co [mg/kg]
R1114MC003kA 0-1cm	<250	8630	12200	452	5640	45200	11300	3010	627	446	7.9	30.7	12.9	13.7	4.56
R1114MC003kA 1-2cm	<250	11200	15400	562	6800	52900	11300	3750	836	498	10.1	38.4	14.9	16.7	5.80
R1114MC003kA 2-3cm	265	11300	15600	569	6640	52900	10300	3720	960	507	9.8	38.2	14.8	17.8	6.01
R1114MC003kA 3-4cm	<250	11300	15900	567	6650	51500	9470	3760	1040	492	9.8	37.7	12.0	18.6	6.54
R1114MC003kA 4-5cm	<250	11700	16900	584	6990	53500	9700	3940	891	513	9.9	38.4	11.1	18.1	6.13
R1114MC003kA 5-6cm	<250	10900	15600	544	6440	52500	8910	3680	565	467	9.4	35.5	9.9	14.6	5.49
R1114MC003kA 6-7cm	<250	10700	15500	530	6480	51000	8800	3660	237	467	10.3	35.9	8.6	14.3	4.61
R1114MC003kA 7-8cm	<250	10400	14600	519	6180	49700	8250	3550	160	408	10.1	34.0	7.1	14.0	3.97
R1114MC003kA 8-9cm	<250	9500	13300	489	5730	45800	7200	3270	140	395	8.8	31.3	6.1	12.7	3.96
R1114MC003kA 9-10cm	280	9550	13400	483	5680	44900	7260	3330	127	377	8.5	31.4	5.3	13.7	3.86
R1114MC003kA 10-11cm	253	9430	13800	486	5750	42900	7490	3410	123	373	8.1	30.7	5.0	12.7	3.75
R1114MC003kA 11-12cm	<250	9350	14000	480	5790	41000	7500	3490	122	373	7.9	30.6	4.9	12.3	3.80
R1114MC003kA 12-13cm	<250	10300	17300	511	6520	39100	8170	4060	136	407	8.2	33.8	6.2	14.9	4.46
R1114MC003kA 13-14cm	<250	9810	14800	490	6080	39100	7660	3760	132	369	8.1	31.8	5.5	13.5	4.04
R1114MC003kA14-15cm	<250	9920	13800	492	6010	40300	7800	3680	135	372	8.4	32.3	5.3	12.9	4.09
R1114MC003kA16-17cm	286	10300	14000	480	6280	41600	7430	3800	141	370	9.2	34.7	5.4	14.3	4.44
R1114MC003kA 18-19cm	325	9720	13300	443	5980	35100	6530	3630	141	367	7.9	33.1	5.5	13.4	4.38
R1114MC003kA 20-21cm	328	10400	14000	426	6280	31600	6780	3870	156	375	10.0	36.3	6.2	14.3	4.78
R1114MC003kA22-23cm	274	14900	18800	541	8670	35800	8600	5810	192	418	11.4	49.8	7.3	20.2	6.81
R1119MC004KA 0-1cm	380	6070	8580	384	4700	41700	7610	2230	242	450	3.9	22.4	7.3	8.8	3.10
R1129MC005KA 0-1cm	363	6470	9470	383	4950	47700	8620	2450	295	464	4.4	24.3	8.9	9.7	3.36
R1133MC006KA 0-1cm	<250	12900	17900	569	8500	62600	15200	4510	989	550	10.7	43.4	15.0	18.7	6.55
R0932BX029K1 0-1cm	<250	16600	23000	699	10500	72000	22500	5770	3410	760	15.6	60.4	28.6	27.2	10.6
Standard Hynne	<250	19800	26900	1290	14000	23100	6250	6690	378	595	16.7	75.9	11.2	31.5	9.27
MINN standard	292	17100	29800	2100	6220	954	200	5580	214	367	7.8	60.3	11.9	16.4	8.75
R0942BX026K1 0-1cm	<250	17800	24700	897	11000	83100	24000	6000	1800	815	17.5	62.1	27.7	25.9	10.0
R0942BX026K1 1-2cm	<250	18400	25600	916	11100	85400	22500	6130	1560	830	18.4	63.6	28.3	25.4	10.0
R0942BX026K1 2-3cm	<250	18500	24200	919	10700	87100	19600	6300	649	753	19.1	64.4	27.8	25.3	7.96
R0942BX026K1 3-4cm	<250	19000	23400	935	10700	90900	17900	6530	380	656	20.2	64.8	26.6	27.0	7.42
R0942BX026K1 4-5cm	<250	19500	23400	938	10800	92100	17300	6750	288	629	20.3	65.1	24.2	26.3	7.44
R0942BX026K1 5-6cm	<250	20500	23700	963	11200	93100	17000	7090	266	616	20.5	65.4	20.7	28.8	7.72
R0942BX026K1 6-7cm	<250	20900	24600	973	11500	95800	17100	7240	275	625	20.8	65.9	17.6	29.3	8.24
R0942BX026K1 7-8cm	<250	20800	24500	975	11300	94400	16900	7180	286	628	20.0	64.0	15.5	31.1	8.94
R0942BX026K1 8-9cm	<250	21000	25200	980	11500	95300	17100	7270	299	620	20.0	63.6	13.9	31.2	9.24
R0942BX026K1 9-10cm	<250	21300	25700	978	11600	95400	17400	7420	292	639	20.3	63.8	13.7	29.2	9.18

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NORSK AKKREDITERING TEST 020

Prøve ID	V [mg/kg]	Mo [mg/kg]	Cd [mg/kg]	Cr [mg/kg]	Ba [mg/kg]	Sr [mg/kg]	Zr [mg/kg]	B [mg/kg]	Be [mg/kg]	Li [mg/kg]	Sc [mg/kg]	Ce [mg/kg]	La [mg/kg]	Y [mg/kg]	As [mg/kg]
R1114MC003kA 0-1cm	31.7	<1	<0.1	14.0	92.7	198	6.1	31	0.32	11.3	2.42	21.6	9.70	6.25	5.7
R1114MC003kA 1-2cm	39.0	<1	<0.1	17.5	117	238	7.7	36	0.41	14.9	3.05	25.3	11.6	7.30	6.7
R1114MC003kA 2-3cm	39.3	<1	<0.1	17.8	115	238	7.8	36	0.41	14.9	3.07	26.2	11.8	7.44	6.6
R1114MC003kA 3-4cm	38.8	<1	<0.1	17.8	106	227	8.0	35	0.41	15.1	3.07	24.9	11.4	7.40	6.8
R1114MC003kA 4-5cm	40.4	<1	<0.1	18.5	105	235	8.2	37	0.42	15.8	3.19	26.2	11.8	7.58	7.7
R1114MC003kA 5-6cm	36.6	<1	<0.1	17.4	95.5	223	7.7	35	0.42	14.7	2.97	25.4	11.7	7.35	5.6
R1114MC003kA 6-7cm	36.3	<1	<0.1	17.7	91.4	216	7.9	35	0.41	14.8	3.00	26.2	11.7	7.26	5.8
R1114MC003kA 7-8cm	33.5	<1	<0.1	16.7	93.3	207	7.7	33	0.39	14.3	2.89	24.5	11.0	7.05	4.0
R1114MC003kA 8-9cm	30.9	<1	<0.1	15.6	84.2	185	7.4	31	0.35	13.3	2.71	24.1	10.6	6.90	3.3
R1114MC003kA 9-10cm	31.1	<1	<0.1	15.9	83.0	182	7.5	31	0.37	13.3	2.73	24.0	11.0	6.72	2.8
R1114MC003kA 10-11cm	34.9	<1	0.14	15.7	83.3	173	7.6	31	0.37	13.1	2.71	24.9	11.2	6.85	2.8
R1114MC003kA 11-12cm	35.4	<1	0.12	15.6	79.4	163	7.8	32	0.35	13.1	2.66	24.5	11.0	6.89	3.7
R1114MC003kA 12-13cm	39.7	<1	0.12	17.5	82.5	153	8.7	38	0.41	14.6	2.90	27.3	12.3	7.03	4.2
R1114MC003kA 13-14cm	37.0	<1	0.10	16.4	77.6	154	8.1	34	0.39	14.0	2.77	24.7	11.1	6.82	3.9
R1114MC003kA14-15cm	34.3	<1	0.11	16.6	81.9	161	7.9	32	0.39	14.0	2.79	25.3	11.3	6.80	3.7
R1114MC003kA16-17cm	33.0	<1	<0.1	17.3	82.4	163	8.5	31	0.41	15.3	2.94	26.8	12.1	7.37	2.7
R1114MC003kA 18-19cm	30.0	<1	<0.1	16.6	69.1	130	8.1	29	0.39	14.5	2.81	26.9	11.9	7.01	2.9
R1114MC003kA 20-21cm	33.9	<1	0.11	17.9	70.7	113	8.5	30	0.40	15.7	3.00	27.7	12.3	7.18	2.6
R1114MC003kA22-23cm	42.5	<1	0.11	25.3	84.5	126	11.4	39	0.58	22.4	4.08	36.4	16.2	8.79	4.3
R1119MC004KA 0-1cm	18.9	<1	<0.1	11.6	47.5	154	4.5	20	0.23	8.50	1.90	21.5	9.92	6.15	3.2
R1129MC005KA 0-1cm	21.0	<1	<0.1	12.7	111	176	4.5	23	0.25	9.03	2.03	22.3	9.89	6.22	3.5
R1133MC006KA 0-1cm	41.6	<1	<0.1	20.7	99.9	272	8.4	42	0.47	18.5	3.46	29.9	13.7	8.47	7.5
R0932BX029K1 0-1cm	58.9	2.2	0.11	26.4	207	347	9.2	57	0.59	24.5	4.29	34.0	15.8	9.64	13.3
Standard Hynne	55.0	<1	<0.1	48.4	72.9	78.4	17.3	24	0.41	25.4	4.77	49.3	21.9	10.8	5.5
MINN standard	33.2	<1	<0.1	20.4	54.7	4.6	8.1	<10	0.25	15.7	2.74	26.5	14.4	8.28	4.0
R0942BX026K1 0-1cm	66.9	<1	0.11	26.8	215	403	11.0	63	0.62	23.5	4.68	33.6	15.5	10.3	13.3
R0942BX026K1 1-2cm	66.3	<1	0.11	27.4	226	414	11.5	64	0.63	23.9	4.78	32.9	15.6	10.3	13.4
R0942BX026K1 2-3cm	69.2	<1	0.17	27.5	214	414	11.7	64	0.62	24.6	4.79	33.9	15.7	10.5	10.1
R0942BX026K1 3-4cm	72.7	<1	0.25	28.1	192	428	12.1	63	0.66	25.6	4.90	34.4	16.0	10.6	7.2
R0942BX026K1 4-5cm	71.8	<1	0.30	28.6	184	432	12.5	64	0.68	26.9	5.04	35.4	16.4	10.8	5.6
R0942BX026K1 5-6cm	73.3	<1	0.29	29.3	186	441	12.8	66	0.70	28.2	5.19	35.9	16.8	11.0	6.8
R0942BX026K1 6-7cm	73.9	<1	0.27	30.3	196	451	13.1	68	0.73	28.9	5.30	36.8	17.3	11.1	6.6
R0942BX026K1 7-8cm	73.8	<1	0.29	29.9	200	447	13.2	67	0.70	28.7	5.29	36.0	16.9	11.1	7.5
R0942BX026K1 8-9cm	74.2	<1	0.33	30.5	198	447	13.4	68	0.72	28.9	5.34	36.3	16.9	11.1	7.4
R0942BX026K1 9-10cm	74.5	<1	0.29	30.7	198	450	13.5	69	0.72	29.5	5.39	38.2	17.0	11.2	8.4

ICP-AES NB! NGU-lab er ikke akkreditert for Si (geologisk materiale).

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ICP-AES ANALYSER
GEOLOGISK MATERIALE
ANALYSEKONTRAKTNR. 2014.0017

NORSK AKKREDITERING TEST 020

Prøve ID	Si [mg/kg]	Al [mg/kg]	Fe [mg/kg]	Ti [mg/kg]	Mg [mg/kg]	Ca [mg/kg]	Na [mg/kg]	K [mg/kg]	Mn [mg/kg]	P [mg/kg]	Cu [mg/kg]	Zn [mg/kg]	Pb [mg/kg]	Ni [mg/kg]	Co [mg/kg]
R0942BX026K1 10-11cm	<250	21100	24900	968	11600	92500	16700	7420	284	600	19.6	63.2	13.5	29.7	8.99
R0942BX026K1 11-12cm	<250	20900	25200	951	11500	93600	17800	7370	290	605	19.9	64.0	13.7	29.7	9.18
R0942BX026K1 12-13cm	<250	20900	25000	938	11500	91500	17200	7450	291	597	19.7	62.3	11.9	30.8	9.38
R0942BX026K1 13-14cm	<250	20400	25100	921	11200	91000	16300	7220	291	603	19.2	62.6	11.1	30.4	9.60
R0942BX026K1 14-15cm	<250	20500	25000	935	11300	90900	16700	7250	294	612	19.1	61.0	11.2	28.0	8.75
R0942BX026K1 16-17cm	<250	20400	24800	949	11300	91700	17000	7270	299	600	19.5	62.7	10.5	28.3	8.92
R0942BX026K1 18-19cm	<250	19900	24400	942	11000	91300	16400	7040	291	605	19.1	61.5	10.5	29.5	8.89
R0942BX026K1 20-21cm	<250	19300	24000	938	10700	90100	16500	6910	280	589	18.4	58.3	9.9	29.3	8.45
R0942BX026K1 22-23cm	<250	19000	23600	968	10500	90500	15600	6740	277	587	20.0	59.8	9.9	27.8	8.33
R0942BX026K1 24-25cm	<250	18500	23100	991	10300	91100	15000	6560	267	576	18.6	57.2	8.4	25.7	7.55
R0973BX025K1 0-1cm	<250	10300	16200	475	6710	46300	12100	4110	730	579	8.7	37.4	15.5	14.8	5.39
R1137MC009KA 0-1cm	<250	19300	28800	435	12900	12400	26000	6740	520	916	27.4	77.8	18.4	27.6	9.32
Standard Hynne	<250	20300	27400	1310	14200	17300	6260	6840	365	606	15.6	74.1	11.3	33.0	9.61
MINN standard	<250	17500	30300	2160	6350	960	204	5780	231	377	8.2	61.2	11.8	15.4	9.37
R1139MC010KA 0-1cm	<250	17800	26300	442	11800	11600	20100	6120	456	813	13.2	64.0	16.6	24.3	9.08
R1139MC010KA 1-2cm	<250	18200	27300	452	11900	10600	19400	6210	495	875	13.6	65.2	17.6	24.1	9.57
R1139MC010KA 2-3cm	<250	18800	27500	469	12100	9200	19300	6570	292	836	13.9	66.0	18.0	26.8	8.69
R1139MC010KA 3-4cm	<250	18200	23700	464	11300	7830	14600	6530	181	580	13.8	66.7	19.0	25.9	8.08
R1139MC010KA 4-5cm	<250	19000	24500	472	11800	7250	15000	6890	180	578	14.2	67.8	19.7	27.0	8.48
R1139MC010KA 5-6cm	<250	18500	23700	459	11500	7290	13900	6710	178	576	14.2	68.3	19.8	26.5	8.38
R1139MC010KA 6-7cm	<250	19100	24300	461	11800	8060	14700	7040	178	683	14.7	69.9	20.6	27.8	8.56
R1139MC010KA 7-8cm	<250	17600	23000	448	10700	6900	11400	6290	169	550	13.7	65.0	16.9	25.1	7.81
R1139MC010KA 8-9cm	<250	18000	22900	457	10900	6650	9850	6400	170	584	14.0	62.4	12.3	27.9	8.24
R1139MC010KA 9-10cm	<250	17700	22300	454	10500	6140	8510	6170	166	624	14.3	60.6	9.9	28.4	8.05
R1139MC010KA 10-11cm	<250	18200	22300	454	10800	6200	8500	6340	172	601	14.7	61.2	9.7	28.5	8.21
R1139MC010KA 11-12cm	<250	17400	21600	431	10400	6070	8290	6100	163	596	15.9	58.9	9.5	29.5	8.21
R1139MC010KA 12-13cm	<250	17800	21800	443	10700	6200	8570	6300	169	619	15.6	60.5	9.4	27.5	8.24
R1139MC010KA 13-14cm	<250	17900	22700	459	10800	6160	8400	6300	170	548	14.6	61.1	9.3	26.6	8.10
R1139MC010KA 14-15cm	<250	18200	22400	460	11100	6630	8510	6420	171	531	15.7	61.3	9.1	30.0	8.07
R1139MC010KA 16-17cm	<250	18900	23400	485	11500	6450	8410	6730	181	493	15.0	63.9	9.5	29.8	8.83
R1139MC010KA 18-19cm	539	20900	25400	545	12000	6960	8900	7330	190	540	15.8	68.4	9.6	29.8	9.43
R1139MC010KA 20-21cm	555	20900	25400	550	12100	7080	8510	7240	189	503	14.8	66.5	9.2	27.9	9.32
R1139MC010KA 22-23cm	570	21300	25600	546	12400	7240	8800	7350	193	511	15.1	68.4	9.5	29.6	9.64
R1139MC010KA 24-25cm	557	21700	26300	561	12600	7360	9420	7450	196	499	15.4	69.7	9.3	29.4	10.0
R1139MC010KA 26-27cm	532	20800	25100	545	12100	7090	8640	7190	189	472	14.4	65.3	9.1	28.2	9.53

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Prøve ID	V [mg/kg]	Mo [mg/kg]	Cd [mg/kg]	Cr [mg/kg]	Ba [mg/kg]	Sr [mg/kg]	Zr [mg/kg]	B [mg/kg]	Be [mg/kg]	Li [mg/kg]	Sc [mg/kg]	Ce [mg/kg]	La [mg/kg]	Y [mg/kg]	As [mg/kg]
R0942BX026K1 10-11cm	73.0	<1	0.27	30.5	199	431	13.2	67	0.71	29.1	5.32	36.1	17.1	11.0	7.7
R0942BX026K1 11-12cm	74.7	<1	0.29	30.5	200	437	13.4	69	0.73	28.9	5.38	36.8	16.9	11.2	8.0
R0942BX026K1 12-13cm	73.7	<1	0.35	30.5	198	423	13.2	67	0.73	29.0	5.29	36.2	17.0	11.0	10.0
R0942BX026K1 13-14cm	71.6	<1	0.27	30.5	196	417	13.2	66	0.71	28.5	5.28	36.5	16.8	11.0	10.1
R0942BX026K1 14-15cm	69.8	<1	0.24	29.9	201	420	12.9	65	0.70	28.5	5.18	36.2	16.8	10.9	9.6
R0942BX026K1 16-17cm	71.5	<1	0.27	30.0	211	422	13.3	66	0.70	28.6	5.26	35.7	16.6	10.9	8.1
R0942BX026K1 18-19cm	71.8	<1	0.35	29.9	207	420	13.3	63	0.71	27.4	5.21	36.4	16.6	11.0	8.2
R0942BX026K1 20-21cm	69.7	<1	0.34	28.7	203	411	12.9	61	0.67	26.4	5.04	35.2	16.3	10.6	10.1
R0942BX026K1 22-23cm	72.9	<1	0.38	28.3	200	415	13.1	59	0.67	25.9	5.06	35.4	16.2	10.9	9.1
R0942BX026K1 24-25cm	68.6	<1	0.34	27.1	200	418	12.8	56	0.62	25.1	4.89	33.9	15.8	10.6	8.1
R0973BX025K1 0-1cm	38.4	<1	<0.1	18.9	118	205	7.2	41	0.43	14.1	2.93	27.0	11.8	7.35	7.3
R1137MC009KA 0-1cm	76.8	<1	<0.1	38.5	104	93.6	9.3	76	0.71	28.3	5.45	39.9	17.5	8.31	19.0
Standard Hynne	56.2	<1	<0.1	51.1	74.7	67.0	17.8	25	0.41	25.5	4.86	50.4	22.5	10.8	5.7
MINN standard	34.1	<1	<0.1	21.1	56.4	4.7	8.2	<10	0.27	15.7	2.80	31.3	15.9	8.73	3.5
R1139MC010KA 0-1cm	67.0	<1	<0.1	35.9	96.4	80.3	9.2	65	0.66	25.5	5.09	40.2	17.3	8.02	15.5
R1139MC010KA 1-2cm	67.7	<1	<0.1	37.1	96.3	75.6	9.5	64	0.68	26.2	5.22	40.7	17.7	8.30	17.1
R1139MC010KA 2-3cm	68.8	<1	<0.1	37.7	97.2	65.8	9.9	66	0.70	26.5	5.34	42.1	18.1	8.40	14.6
R1139MC010KA 3-4cm	68.1	<1	<0.1	37.6	93.5	50.8	9.8	62	0.72	26.8	5.29	42.3	18.5	8.57	5.9
R1139MC010KA 4-5cm	68.7	<1	<0.1	38.5	102	47.5	10.0	62	0.71	27.5	5.42	42.0	18.5	8.53	5.1
R1139MC010KA 5-6cm	68.7	<1	<0.1	37.9	97.8	46.5	9.9	63	0.71	27.5	5.41	42.7	18.6	8.61	5.8
R1139MC010KA 6-7cm	70.3	<1	<0.1	39.3	97.6	51.3	10.8	64	0.71	28.2	5.57	43.1	18.5	8.71	5.3
R1139MC010KA 7-8cm	65.1	<1	<0.1	38.0	91.3	43.3	9.9	60	0.69	26.0	5.24	42.6	18.5	8.45	5.4
R1139MC010KA 8-9cm	64.6	<1	0.25	37.8	85.3	39.8	10.0	59	0.70	26.8	5.27	42.6	18.6	8.41	4.7
R1139MC010KA 9-10cm	70.7	<1	0.39	38.0	76.6	36.8	10.1	57	0.69	25.9	5.18	42.7	18.5	8.35	7.7
R1139MC010KA 10-11cm	71.9	<1	0.57	39.0	76.3	35.7	10.4	58	0.70	27.0	5.28	43.8	18.7	8.50	5.0
R1139MC010KA 11-12cm	71.3	<1	0.90	37.5	71.0	34.3	9.9	54	0.68	25.7	5.07	42.0	18.1	8.27	5.5
R1139MC010KA 12-13cm	70.0	<1	0.44	38.3	71.8	35.0	10.4	55	0.68	26.5	5.16	42.6	18.5	8.52	4.6
R1139MC010KA 13-14cm	72.9	<1	0.31	38.7	71.6	35.9	10.3	57	0.69	26.6	5.26	43.5	18.8	8.44	5.0
R1139MC010KA 14-15cm	75.0	<1	0.27	39.5	71.4	35.3	10.5	57	0.69	27.3	5.29	44.2	19.1	8.53	4.6
R1139MC010KA 16-17cm	78.5	<1	0.35	41.1	75.5	35.5	11.3	58	0.73	28.3	5.57	46.4	20.1	8.87	5.5
R1139MC010KA 18-19cm	81.8	<1	0.34	43.1	82.1	38.4	12.0	64	0.79	31.3	6.06	46.2	21.3	9.59	8.0
R1139MC010KA 20-21cm	75.7	<1	0.37	41.5	80.6	38.0	12.0	62	0.75	31.3	5.95	46.5	21.2	9.47	9.5
R1139MC010KA 22-23cm	75.8	<1	0.31	42.5	80.2	38.6	12.2	62	0.75	31.9	6.05	45.6	21.4	9.54	11.0
R1139MC010KA 24-25cm	77.2	<1	0.28	42.9	84.5	39.4	12.6	63	0.77	32.3	6.14	46.7	21.6	9.62	12.2
R1139MC010KA 26-27cm	69.5	<1	0.23	40.6	82.5	37.4	12.1	59	0.73	31.0	5.86	45.2	20.8	9.24	10.2

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Prøve ID	Si [mg/kg]	Al [mg/kg]	Fe [mg/kg]	Ti [mg/kg]	Mg [mg/kg]	Ca [mg/kg]	Na [mg/kg]	K [mg/kg]	Mn [mg/kg]	P [mg/kg]	Cu [mg/kg]	Zn [mg/kg]	Pb [mg/kg]	Ni [mg/kg]	Co [mg/kg]
R1139MC010KA 28-29cm	535	21100	25900	551	12200	7010	8830	7350	193	477	15.0	66.8	9.3	29.3	9.82
R1139MC010KA 30-31cm	559	21100	25800	548	12200	7070	8470	7310	195	462	14.8	67.1	9.1	28.1	9.97
Standard Hynne	<250	20600	27600	1370	14500	18500	6170	6980	366	632	16.2	75.6	11.2	34.4	10.0
MINN standard	389	17600	30500	2140	6440	1020	<200	5750	220	390	8.2	61.1	11.0	16.3	9.07
R1146MC011KA 0-1cm	332	17700	24900	434	11600	11300	21800	6070	288	829	13.5	62.7	13.5	24.2	7.90
R1146MC011KA 1-2cm	341	18000	25300	435	11600	11000	19700	6130	342	860	13.4	63.1	14.3	26.4	8.15
R1146MC011KA 2-3cm	407	18600	26200	444	11800	10800	19400	6320	325	878	13.7	64.2	14.2	25.7	8.33
R1146MC011KA3-4cm	389	17800	24200	400	11400	12600	17500	6240	223	1110	14.2	63.9	14.2	26.2	7.85
R1146MC011KA 4-5cm	429	18500	24200	444	11500	9660	16400	6460	188	732	14.0	66.1	15.6	26.1	7.94
R1146MC011KA 5-6cm	492	19000	25000	453	11800	8160	16100	6650	201	728	14.9	69.1	16.6	27.3	8.20
R1146MC011KA 6-7cm	503	19500	24900	478	11800	7590	15300	6830	183	677	15.0	71.2	18.1	28.7	8.29
R1146MC011KA 7-8cm	490	19600	24500	482	11900	7000	15100	6850	178	635	14.7	71.4	18.5	28.4	8.16
R1146MC011KA 8-9cm	524	19600	24500	467	11900	6770	14600	6830	174	708	14.9	71.4	18.6	29.3	8.22
R1146MC011KA 9-10cm	523	20100	24700	487	12000	6650	14600	6970	176	645	15.2	70.9	16.7	28.9	8.36
R1146MC011KA 10-11cm	500	20300	24700	503	12100	6740	13600	7000	176	622	15.6	70.7	14.0	30.2	8.47
R1146MC011KA 11-12cm	525	20700	24900	492	12200	6670	13600	7180	177	799	16.1	70.3	13.1	32.0	8.84
R1146MC011KA12-13cm	519	19800	24100	489	11600	6540	12800	6760	179	645	15.2	67.0	12.6	28.0	8.39
R1146MC011KA 13-14cm	525	20800	25300	510	12100	6690	12400	7130	177	633	16.2	70.1	12.1	32.0	8.76
R1146MC011KA 14-15cm	525	20900	25100	521	12000	6670	11100	7140	179	581	15.8	69.0	11.5	29.7	8.74
R1146MC011KA 16-17cm	521	21400	25900	521	12300	6760	11300	7300	181	643	16.6	71.3	10.4	30.5	9.02
R1146MC011KA 18-19cm	525	20800	25100	509	11900	6580	10600	7070	177	582	16.1	69.1	10.4	31.5	8.78
R1146MC011KA 20-21cm	538	20800	24800	517	12000	6600	11300	7060	177	565	15.7	68.6	10.2	29.2	8.56
R1146MC011KA 22-23cm	554	21200	25400	512	12100	6690	11200	7210	179	602	16.2	70.2	11.0	31.7	8.84
R1146MC011KA 24-25cm	489	20100	24700	490	11800	6530	10500	6900	178	564	15.4	68.6	10.4	30.3	8.88
R1146MC011KA 26-27cm	518	20700	24900	499	12100	6640	10700	7130	178	560	15.9	68.3	9.9	30.4	8.81
R1146MC011KA 28-29cm	490	20000	24600	489	11600	6400	9950	6820	176	551	15.5	67.9	10.0	29.8	8.76
R1146MC011KA 30-31cm	460	20300	24700	496	11700	6420	10700	6940	174	539	15.5	67.4	9.8	28.8	8.60
R1146MC011KA 32-33cm	461	20300	24500	501	11700	6460	9830	6900	175	530	15.4	68.1	9.7	30.8	8.69
R1146MC011KA 34-35cm	488	20900	25100	511	11900	6490	9860	7110	178	531	15.8	69.3	9.8	29.5	8.91
R1146MC011KA 36-37cm	372	21600	25800	544	12000	6410	10200	7350	180	524	16.4	70.6	9.7	32.4	9.27
R1146MC011KA 38-39cm	419	22600	26800	555	12600	6620	10700	7710	186	532	16.7	73.2	9.8	33.1	9.39
Standard Hynne	359	19800	26700	1270	14400	17300	6120	6930	364	634	15.6	74.6	10.9	34.2	9.60
MINN standard	481	16100	28200	1990	5920	944	<200	5350	214	376	7.6	56.9	11.0	16.0	8.69
R1165MC012KA 0-1cm	258	18100	24500	476	11600	12500	16600	5890	318	723	14.1	62.8	12.5	27.2	8.36
R1165MC012KA 1-2cm	286	18800	26000	486	11900	9370	15500	6090	277	859	14.3	62.6	12.0	27.0	8.21

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ICP-AES ANALYSER
GEOLOGISK MATERIALE
ANALYSEKONTRAKTNR. 2014.0017

NORSK AKKREDITERING TEST 020

Prøve ID	V [mg/kg]	Mo [mg/kg]	Cd [mg/kg]	Cr [mg/kg]	Ba [mg/kg]	Sr [mg/kg]	Zr [mg/kg]	B [mg/kg]	Be [mg/kg]	Li [mg/kg]	Sc [mg/kg]	Ce [mg/kg]	La [mg/kg]	Y [mg/kg]	As [mg/kg]
R1139MC010KA 28-29cm	70.2	<1	0.22	41.9	82.9	37.7	12.6	62	0.74	31.1	6.05	45.5	21.0	9.49	11.3
R1139MC010KA 30-31cm	69.2	<1	0.19	41.7	83.6	37.6	12.7	59	0.74	31.1	6.02	46.4	20.8	9.33	12.2
Standard Hynne	59.0	<1	<0.1	51.2	78.7	74.3	18.7	26	0.45	26.5	5.23	50.3	24.2	12.1	6.4
MINN standard	34.0	<1	<0.1	20.8	57.8	4.9	9.0	<10	0.26	16.3	2.90	27.7	15.7	8.98	3.9
R1146MC011KA 0-1cm	67.6	<1	0.12	35.3	92.6	79.2	9.2	69	0.66	26.3	5.11	38.8	18.1	8.41	14.9
R1146MC011KA 1-2cm	67.8	<1	0.11	35.7	94.3	76.3	9.3	68	0.66	26.7	5.18	40.3	18.3	8.51	15.0
R1146MC011KA 2-3cm	69.0	<1	0.10	36.4	95.3	74.9	9.5	68	0.68	27.7	5.27	40.5	18.8	8.69	14.7
R1146MC011KA3-4cm	66.6	<1	0.12	35.4	92.7	82.0	10.1	67	0.66	26.9	5.14	38.8	18.2	8.49	12.6
R1146MC011KA 4-5cm	70.5	<1	0.14	36.9	93.1	62.4	9.7	69	0.69	28.0	5.34	41.0	19.2	8.90	9.5
R1146MC011KA 5-6cm	72.5	<1	0.16	38.0	99.4	55.5	10.0	70	0.70	28.9	5.56	42.1	19.8	9.14	10.1
R1146MC011KA 6-7cm	75.6	<1	0.16	39.7	101	50.9	10.4	71	0.75	29.2	5.71	44.6	20.6	9.33	7.7
R1146MC011KA 7-8cm	74.7	<1	0.14	39.2	103	47.6	10.3	70	0.73	29.7	5.70	43.3	20.2	9.33	7.3
R1146MC011KA 8-9cm	74.2	<1	0.13	39.3	102	45.9	10.5	69	0.75	29.7	5.67	43.0	20.4	9.21	5.9
R1146MC011KA 9-10cm	75.1	<1	0.14	40.4	101	45.4	10.8	70	0.77	30.3	5.85	43.8	20.6	9.46	5.8
R1146MC011KA 10-11cm	79.6	<1	0.29	41.5	102	44.4	11.0	72	0.79	30.6	5.98	44.9	20.8	9.57	5.5
R1146MC011KA 11-12cm	80.6	<1	0.34	42.0	100	44.7	11.8	73	0.80	31.3	6.05	44.5	20.8	9.56	6.2
R1146MC011KA12-13cm	76.7	<1	0.33	40.4	94.8	43.4	10.7	71	0.77	29.7	5.82	43.3	20.0	9.22	7.4
R1146MC011KA 13-14cm	81.8	<1	0.37	42.5	99.8	43.5	11.3	73	0.79	31.3	6.10	45.3	21.1	9.67	7.3
R1146MC011KA 14-15cm	81.0	<1	0.38	42.2	98.5	42.3	11.1	72	0.80	31.8	6.06	45.0	21.1	9.55	6.7
R1146MC011KA 16-17cm	83.8	<1	0.45	43.8	94.7	42.9	11.6	74	0.80	32.4	6.21	46.1	21.5	9.78	6.7
R1146MC011KA 18-19cm	83.8	<1	0.53	43.4	94.5	41.2	11.5	73	0.81	31.5	6.15	45.8	21.2	9.66	6.6
R1146MC011KA 20-21cm	80.5	<1	0.39	43.0	92.0	41.6	11.2	73	0.78	31.4	6.08	45.3	21.0	9.63	6.2
R1146MC011KA 22-23cm	82.3	<1	0.47	43.8	93.6	42.1	11.6	73	0.81	32.0	6.22	46.9	21.5	9.89	6.8
R1146MC011KA 24-25cm	79.2	<1	0.49	42.4	91.8	40.4	11.1	71	0.78	31.2	6.00	46.3	21.4	9.71	7.5
R1146MC011KA 26-27cm	77.2	<1	0.49	41.9	91.8	41.6	11.0	70	0.78	32.2	5.98	45.3	21.2	9.53	7.8
R1146MC011KA 28-29cm	77.2	<1	0.41	42.5	88.1	39.2	11.1	70	0.78	31.1	5.96	45.8	21.3	9.51	6.6
R1146MC011KA 30-31cm	77.0	<1	0.41	41.7	88.4	40.2	11.0	69	0.78	31.6	5.93	45.6	21.1	9.55	6.5
R1146MC011KA 32-33cm	81.8	<1	0.49	41.8	91.3	40.0	11.2	70	0.78	31.9	5.94	46.1	21.2	9.55	7.1
R1146MC011KA 34-35cm	83.9	<1	0.49	42.8	88.9	40.4	11.3	70	0.79	32.6	6.06	46.9	21.6	9.68	8.5
R1146MC011KA 36-37cm	86.8	<1	0.45	43.5	91.8	41.1	11.7	74	0.82	34.0	6.21	46.8	21.5	9.70	9.7
R1146MC011KA 38-39cm	90.2	<1	0.43	45.1	93.6	43.0	12.2	75	0.85	35.4	6.48	48.1	22.0	10.2	9.3
Standard Hynne	55.4	<1	<0.1	50.1	72.6	66.9	17.1	26	0.39	26.2	4.71	50.0	23.0	10.8	6.9
MINN standard	31.6	<1	<0.1	19.8	52.8	4.5	7.7	<10	0.23	14.7	2.56	28.8	14.7	8.14	4.3
R1165MC012KA 0-1cm	61.3	<1	<0.1	35.3	85.8	77.9	10.4	62	0.64	27.1	5.25	40.7	18.9	8.96	12.4
R1165MC012KA 1-2cm	61.9	<1	0.12	36.0	85.9	62.5	10.6	62	0.65	28.2	5.38	41.2	19.4	9.04	13.8

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NORSK AKKREDITERING TEST 020

Prøve ID	Si [mg/kg]	Al [mg/kg]	Fe [mg/kg]	Ti [mg/kg]	Mg [mg/kg]	Ca [mg/kg]	Na [mg/kg]	K [mg/kg]	Mn [mg/kg]	P [mg/kg]	Cu [mg/kg]	Zn [mg/kg]	Pb [mg/kg]	Ni [mg/kg]	Co [mg/kg]
R1165MC012KA 2-3cm	458	18300	25200	495	11600	7740	13000	6240	202	770	14.0	63.1	12.5	25.7	8.05
R1165MC012KA3-4cm	424	18500	23500	509	11500	7300	12200	6490	178	641	14.5	63.2	13.4	26.6	7.87
R1165MC012KA 4-5cm	425	18900	23800	521	11700	7000	11700	6710	183	632	14.7	65.7	14.3	28.1	8.33
R1165MC012KA 5-6cm	443	19000	24100	537	11600	6910	11500	6700	184	572	14.6	66.2	14.9	27.2	8.37
R1165MC012KA 6-7cm	383	17900	23100	500	11100	6820	10900	6300	179	548	13.8	62.5	14.5	25.1	7.94
R1165MC012KA 7-8cm	417	18800	23800	516	11500	6990	11200	6640	184	563	14.4	65.3	14.8	26.0	8.14
R1165MC012KA 8-9cm	455	18700	24200	502	11500	6960	11200	6610	186	581	14.5	66.2	15.5	27.0	8.26
R1165MC012KA 9-10cm	458	19100	24600	488	11800	7400	11800	6750	189	627	15.1	66.6	15.2	26.0	8.23
R1165MC012KA 10-11cm	458	18400	23700	478	11400	6920	11500	6510	184	591	14.4	64.2	14.3	25.3	7.94
R1165MC012KA 11-12cm	504	18100	23200	489	11100	6780	11300	6350	182	553	14.0	63.8	14.0	26.4	7.97
R1165MC012KA12-13cm	474	19500	24400	497	11800	7200	12700	6780	191	597	15.5	69.4	15.7	28.0	8.58
R1165MC012KA 13-14cm	516	18100	22900	475	11100	6840	11800	6290	179	564	13.8	64.2	14.8	25.6	8.07
R1165MC012KA 14-15cm	516	18200	23000	478	11100	6850	11700	6310	180	572	14.0	64.6	15.1	25.3	8.10
R1165MC012KA 16-17cm	501	19400	23800	543	11900	7130	12200	6790	185	578	14.5	67.9	16.9	28.6	8.47
R1165MC012KA 18-19cm	525	17500	22100	468	10900	6900	10900	6060	173	675	13.2	61.5	15.0	26.4	7.82
R1165MC012KA 20-21cm	526	19200	23900	544	11400	6970	8880	6620	184	570	13.9	62.3	10.3	28.2	8.99
R1165MC012KA 22-23cm	527	19100	23900	544	11400	6970	9540	6590	183	551	13.6	61.8	9.5	28.7	8.83
R1165MC012KA 24-25cm	543	19500	24400	544	11600	7040	9770	6750	185	576	14.0	62.8	9.3	28.3	8.87
R1165MC012KA 26-27cm	491	19600	24400	560	11700	7130	9920	6780	189	555	14.0	64.1	8.9	28.0	8.81
R1165MC012KA 28-29cm	527	20000	25300	573	11900	7320	9960	6920	191	547	13.9	63.5	9.3	28.6	8.98
R1165MC012KA 30-31cm	509	19300	24500	556	11500	7240	9490	6680	187	535	13.0	60.7	8.6	28.4	8.64
R1165MC012KA 32-33cm	534	19200	24200	545	11500	7170	9770	6670	183	522	13.4	61.2	8.4	28.1	8.48
R1165MC012KA 34-35cm	514	17700	22300	503	10800	6900	8820	6110	172	526	12.5	56.5	8.1	26.8	8.01
R1165MC012KA 36-37cm	491	19000	23400	536	11400	7280	9450	6570	184	531	13.5	61.0	8.9	27.7	8.55
R1165MC012KA 38-39cm	531	18200	23300	511	11000	7130	9340	6280	179	514	13.1	59.3	7.8	27.1	8.47
R1165MC012KA 40-41cm	508	19400	24000	536	11600	7470	9530	6710	185	530	13.5	62.0	8.7	28.2	8.64
R1165MC012KA 42-43cm	508	19200	23700	533	11500	7180	9180	6670	185	522	13.3	61.0	8.3	28.0	8.54
Standard Hynne	<250	21300	28100	1360	14700	18000	6590	7110	379	643	16.2	82.0	11.9	35.3	10.0
MINN standard	362	17900	30300	2130	6390	1010	200	5850	220	397	8.2	61.4	11.6	16.3	9.36
R1174MC013KA 0-1cm	386	17400	23400	628	12000	9420	17300	6240	424	618	11.9	59.3	14.1	24.0	8.81
R1180MC014KA 0-1cm	289	19700	25500	631	13400	11400	21800	6940	397	662	13.9	66.3	16.4	27.2	9.37
R1186MC015KA 0-1cm	283	18600	23800	662	12700	11000	15800	6480	406	606	12.9	62.6	15.0	26.3	9.26
R1186MC015KA 1-2cm	408	19600	25500	688	13100	9810	14700	6730	387	595	13.5	67.1	15.5	28.0	9.70
R1186MC015KA 2-3cm	398	19400	25700	688	12900	8800	12100	6620	357	627	13.5	66.9	15.6	27.9	9.79
R1186MC015KA 3-4cm	444	20000	25000	714	13200	8750	11500	7120	224	561	14.2	68.0	15.6	29.7	9.03

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NORSK AKKREDITERING TEST 020

Prøve ID	V [mg/kg]	Mo [mg/kg]	Cd [mg/kg]	Cr [mg/kg]	Ba [mg/kg]	Sr [mg/kg]	Zr [mg/kg]	B [mg/kg]	Be [mg/kg]	Li [mg/kg]	Sc [mg/kg]	Ce [mg/kg]	La [mg/kg]	Y [mg/kg]	As [mg/kg]
R1165MC012KA 2-3cm	64.3	<1	<0.1	38.4	82.6	47.3	10.8	63	0.70	26.4	5.28	42.2	18.6	8.64	11.8
R1165MC012KA3-4cm	64.1	<1	0.13	38.5	83.2	41.6	10.9	62	0.70	26.5	5.27	41.8	18.5	8.68	6.9
R1165MC012KA 4-5cm	66.5	<1	0.14	39.9	85.9	39.4	11.3	63	0.74	27.1	5.44	43.1	19.0	8.83	6.7
R1165MC012KA 5-6cm	66.8	<1	0.14	39.9	86.7	39.1	11.2	63	0.72	27.0	5.49	43.4	19.0	8.83	6.6
R1165MC012KA 6-7cm	62.3	<1	0.11	37.9	81.9	38.0	10.7	60	0.70	25.9	5.21	41.8	18.4	8.61	6.2
R1165MC012KA 7-8cm	64.3	<1	0.11	39.4	84.5	39.2	11.1	62	0.71	27.1	5.39	42.8	19.0	8.84	7.6
R1165MC012KA 8-9cm	64.9	<1	<0.1	39.6	86.0	39.2	11.2	62	0.73	27.0	5.47	43.5	19.2	8.92	7.6
R1165MC012KA 9-10cm	64.2	<1	<0.1	39.4	86.9	42.4	11.1	61	0.72	27.9	5.46	43.3	19.3	9.01	6.6
R1165MC012KA 10-11cm	62.9	<1	<0.1	38.5	83.8	39.6	11.0	60	0.71	26.8	5.32	42.5	18.9	8.80	6.0
R1165MC012KA 11-12cm	62.6	<1	<0.1	38.0	83.0	38.8	10.7	60	0.69	26.2	5.26	42.3	18.9	8.8	6.2
R1165MC012KA12-13cm	64.8	<1	<0.1	39.5	88.7	43.2	11.1	60	0.70	30.0	5.69	44.5	20.5	9.46	6.9
R1165MC012KA 13-14cm	60.9	<1	<0.1	37.2	82.1	39.9	10.5	57	0.67	27.9	5.31	43.0	19.8	9.12	5.7
R1165MC012KA 14-15cm	61.7	<1	0.11	37.8	84.8	40.0	10.5	58	0.66	28.1	5.36	42.3	19.7	9.07	6.0
R1165MC012KA 16-17cm	66.9	<1	0.11	39.6	91.3	41.5	10.9	62	0.72	29.2	5.62	44.3	20.3	9.30	5.8
R1165MC012KA 18-19cm	59.2	<1	0.11	35.5	82.3	39.2	10.2	56	0.64	26.7	5.07	41.4	18.9	8.70	7.2
R1165MC012KA 20-21cm	67.8	<1	0.25	39.6	83.5	38.6	10.8	61	0.70	29.1	5.51	44.2	20.1	9.08	10.4
R1165MC012KA 22-23cm	66.9	<1	0.26	39.4	81.8	38.4	11.0	61	0.70	29.2	5.52	42.8	19.9	9.10	9.6
R1165MC012KA 24-25cm	68.7	<1	0.25	40.4	81.7	39.2	11.3	62	0.71	29.8	5.66	44.5	20.2	9.22	10.3
R1165MC012KA 26-27cm	68.9	<1	0.22	41.6	81.2	39.2	11.3	64	0.73	30.2	5.71	44.8	20.6	9.34	8.8
R1165MC012KA 28-29cm	67.1	<1	0.21	40.6	86.2	40.3	11.6	64	0.71	30.7	5.75	45.0	20.8	9.43	11.5
R1165MC012KA 30-31cm	64.2	<1	0.21	39.6	84.1	39.3	11.2	62	0.69	29.7	5.51	44.1	20.2	9.18	10.1
R1165MC012KA 32-33cm	64.8	<1	0.25	39.6	84.2	39.4	11.1	62	0.70	29.7	5.53	43.6	19.9	9.19	8.6
R1165MC012KA 34-35cm	60.5	<1	0.31	36.7	76.1	36.7	10.5	58	0.65	27.5	5.13	42.8	19.4	8.70	6.9
R1165MC012KA 36-37cm	64.6	<1	0.24	39.3	83.2	39.0	11.1	62	0.69	29.2	5.50	43.8	20.4	9.25	8.0
R1165MC012KA 38-39cm	62.2	<1	0.28	38.0	80.6	38.3	10.8	60	0.67	28.3	5.31	43.2	19.5	8.93	8.7
R1165MC012KA 40-41cm	64.0	<1	0.25	39.7	83.8	39.9	11.2	63	0.71	30.0	5.55	44.3	20.4	9.24	7.3
R1165MC012KA 42-43cm	64.4	<1	0.30	39.1	81.8	38.9	11.1	60	0.68	29.9	5.48	44.1	20.2	9.10	6.6
Standard Hynne	59.1	<1	0.10	52.8	76.1	72.0	18.9	27	0.44	28.5	5.25	50.9	24.3	12.3	5.8
MINN standard	34.2	<1	<0.1	21.1	56.9	4.9	8.5	<10	0.26	16.9	2.88	25.2	15.7	8.95	3.8
R1174MC013KA 0-1cm	54.2	<1	<0.1	34.6	81.1	56.7	9.9	56	0.58	25.0	4.85	39.2	17.9	8.23	9.7
R1180MC014KA 0-1cm	62.8	<1	<0.1	39.6	89.4	69.6	11.1	66	0.68	28.5	5.55	42.2	19.6	9.06	9.8
R1186MC015KA 0-1cm	56.2	<1	<0.1	37.5	83.9	61.3	10.9	60	0.63	26.3	5.24	42.1	19.4	8.82	7.8
R1186MC015KA 1-2cm	58.5	<1	<0.1	39.6	88.3	53.0	11.4	59	0.67	28.0	5.56	44.9	20.6	9.37	8.1
R1186MC015KA 2-3cm	59.3	<1	<0.1	40.3	87.7	46.1	11.4	58	0.67	28.0	5.58	45.1	20.7	9.44	8.9
R1186MC015KA 3-4cm	62.0	<1	<0.1	41.0	88.9	43.2	11.7	58	0.68	29.3	5.66	46.0	21.1	9.57	6.0

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ANALYSEKONTRAKTNR. 2014.0017

NORSK AKKREDITERING TEST 020

Prøve ID	Si [mg/kg]	Al [mg/kg]	Fe [mg/kg]	Ti [mg/kg]	Mg [mg/kg]	Ca [mg/kg]	Na [mg/kg]	K [mg/kg]	Mn [mg/kg]	P [mg/kg]	Cu [mg/kg]	Zn [mg/kg]	Pb [mg/kg]	Ni [mg/kg]	Co [mg/kg]
R1186MC015KA 4-5cm	482	19700	24000	700	13100	8630	12000	7200	207	517	13.7	65.8	14.2	27.9	8.86
R1186MC015KA 5-6cm	513	19600	24000	704	12800	8650	11000	7130	207	517	13.2	64.9	12.6	28.4	9.11
R1186MC015KA 6-7cm	519	19300	23700	695	12700	8670	9920	7040	204	505	12.8	61.8	10.0	28.5	9.12
R1186MC015KA 7-8cm	367	19100	23800	694	12500	8630	9690	6950	205	502	12.9	62.0	10.7	27.0	9.06
R1186MC015KA 8-9cm	431	19600	24100	704	12800	8690	9800	7180	207	504	13.3	62.9	10.2	28.3	9.21
R1186MC015KA 9-10cm	464	19700	24300	704	12900	8680	9380	7240	208	498	13.0	63.0	10.5	28.1	9.12
R1186MC015KA 10-11cm	470	20300	24900	718	13000	8720	9100	7410	214	508	13.7	65.2	9.9	29.1	9.81
R1186MC015KA 11-12cm	404	20400	24800	725	13100	8780	9200	7400	214	499	13.2	63.3	9.0	28.5	9.67
R1186MC015KA12-13cm	412	20900	25100	744	13300	8690	8820	7600	217	499	13.2	64.6	9.1	28.8	10.0
R1186MC015KA 13-14cm	403	20300	25100	723	13000	8670	8990	7400	214	492	13.0	62.8	8.6	29.2	9.93
R1186MC015KA 14-15cm	396	20200	24800	728	12900	8620	8580	7330	212	491	13.0	63.1	8.6	29.0	10.1
R1186MC015KA 16-17cm	429	20800	25400	742	13200	8750	8980	7530	218	500	13.5	64.7	8.6	30.5	10.5
R1186MC015KA 18-19cm	399	20800	25900	745	13200	8880	9150	7530	219	498	13.4	64.6	9.2	30.1	10.5
R1186MC015KA 20-21cm	486	20600	25600	734	13100	8780	9070	7520	217	497	13.2	64.0	8.8	30.2	10.5
R1186MC015KA 22-23cm	428	20400	25300	729	13100	8710	9490	7440	217	492	12.9	63.6	8.9	29.3	10.0
R1186MC015KA 24-25cm	461	20400	25700	736	13200	8810	9810	7460	220	495	12.9	63.1	8.5	28.5	9.74
R1186MC015KA 26-27cm	503	20000	24900	718	12900	8570	9670	7350	212	483	12.4	62.1	8.3	27.4	9.37
R1186MC015KA 28-29cm	452	19000	23900	683	12200	8080	9510	7010	202	462	12.0	59.6	8.2	27.8	9.30
R1186MC015KA 30-31cm	456	20000	24900	724	12700	8440	9430	7450	210	475	12.5	62.7	8.4	28.2	9.56
Standard Hynne	<250	21500	28000	1380	14700	18700	6890	7510	374	628	16.5	76.2	11.5	36.2	9.72
MINN standard	317	17900	30200	2180	6190	993	<200	5910	211	399	7.9	60.2	11.3	16.5	9.08
R1200MC016KA 0-1cm	381	19600	24400	758	12400	8030	9140	7050	213	456	13.4	58.7	7.9	28.7	9.93
R1200MC016KA 1-2cm	483	21000	25700	806	13100	8190	9870	7610	222	452	14.0	61.7	8.0	30.7	10.4
R1200MC016KA 2-3cm	438	21300	26300	806	13300	8140	9920	7700	226	467	14.5	64.0	8.2	31.0	10.7
R1200MC016KA3-4cm	460	21100	25500	797	13100	8310	9490	7640	222	458	13.8	61.0	8.2	30.1	10.2
R1200MC016KA 4-5cm	366	18400	23600	691	12700	7970	8700	6720	220	449	13.8	62.3	8.3	29.1	10.3
R1200MC016KA 5-6cm	370	18300	23400	690	12700	8040	8600	6700	218	446	13.2	60.8	7.7	29.7	10.0
R1200MC016KA 6-7cm	382	18700	24000	700	13000	8150	8710	6820	224	456	13.4	64.1	7.8	30.8	10.4
R1200MC016KA 7-8cm	433	18300	23300	676	12700	8070	8210	6650	219	452	13.2	61.9	7.6	29.3	10.2
R1200MC016KA 8-9cm	418	17800	22900	671	12400	8080	7750	6460	215	472	13.2	61.0	7.8	29.6	9.96
R1200MC016KA 9-10cm	443	18300	23200	685	12600	8090	8200	6630	218	454	12.8	61.4	7.5	28.5	9.85
R1200MC016KA 10-11cm	402	15700	20300	598	11300	7790	7220	5680	195	439	12.0	54.6	7.1	25.1	8.82
R1200MC016KA 11-12cm	435	16400	21100	628	11700	7870	7530	5970	199	442	11.7	56.2	7.0	25.3	9.02
R1200MC016KA12-13cm	417	15100	19500	581	10900	7630	7120	5460	185	415	10.5	51.1	6.8	23.1	8.17
R1200MC016KA 13-14cm	409	14100	18300	543	10400	7580	6720	5120	177	427	10.1	48.6	6.6	22.3	8.00

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Prøve ID	V [mg/kg]	Mo [mg/kg]	Cd [mg/kg]	Cr [mg/kg]	Ba [mg/kg]	Sr [mg/kg]	Zr [mg/kg]	B [mg/kg]	Be [mg/kg]	Li [mg/kg]	Sc [mg/kg]	Ce [mg/kg]	La [mg/kg]	Y [mg/kg]	As [mg/kg]
R1186MC015KA 4-5cm	59.2	<1	0.10	40.0	85.6	42.0	11.5	56	0.66	29.2	5.55	46.0	20.9	9.39	4.6
R1186MC015KA 5-6cm	59.2	<1	0.12	40.0	83.9	40.9	11.6	56	0.67	29.1	5.54	45.9	20.9	9.45	5.3
R1186MC015KA 6-7cm	59.1	<1	0.18	39.0	82.6	39.8	11.4	54	0.65	29.0	5.45	45.5	20.8	9.45	5.4
R1186MC015KA 7-8cm	58.6	<1	0.11	38.9	79.8	39.4	11.5	54	0.65	28.5	5.42	48.3	21.0	9.35	5.6
R1186MC015KA 8-9cm	58.9	<1	0.10	39.6	80.9	39.8	11.6	54	0.67	29.5	5.50	46.7	21.1	9.45	6.5
R1186MC015KA 9-10cm	58.2	<1	<0.1	39.9	81.0	39.4	11.6	53	0.65	30.0	5.49	46.1	21.0	9.46	5.5
R1186MC015KA 10-11cm	63.8	<1	0.22	41.6	82.3	39.6	12.2	55	0.69	30.9	5.72	47.4	21.3	9.76	6.3
R1186MC015KA 11-12cm	61.7	<1	0.19	40.7	83.4	39.7	12.0	54	0.67	30.9	5.63	47.6	21.5	9.58	6.4
R1186MC015KA12-13cm	62.6	<1	0.19	41.5	84.3	39.4	12.3	54	0.70	32.0	5.73	48.0	21.7	9.80	7.2
R1186MC015KA 13-14cm	60.9	<1	0.14	40.6	83.4	39.4	12.2	53	0.69	31.0	5.66	47.5	21.7	9.68	8.1
R1186MC015KA 14-15cm	61.2	<1	0.16	40.6	82.4	38.6	12.2	52	0.68	30.8	5.62	46.9	21.2	9.63	8.7
R1186MC015KA 16-17cm	63.1	<1	0.15	41.6	84.6	39.8	12.5	55	0.69	31.8	5.80	47.9	21.8	9.89	9.2
R1186MC015KA 18-19cm	63.7	<1	0.19	42.3	85.6	40.3	12.5	55	0.70	31.5	5.80	47.5	21.8	9.86	9.1
R1186MC015KA 20-21cm	61.8	<1	0.19	41.0	84.5	40.0	12.3	53	0.67	31.7	5.70	48.0	21.8	9.74	9.8
R1186MC015KA 22-23cm	61.0	<1	0.14	41.2	83.2	39.8	12.3	53	0.69	31.0	5.69	47.4	21.7	9.67	8.2
R1186MC015KA 24-25cm	60.5	<1	0.13	40.4	83.6	40.1	12.0	53	0.67	31.1	5.59	47.2	21.4	9.65	7.3
R1186MC015KA 26-27cm	59.0	<1	0.10	40.3	82.4	39.5	11.9	52	0.68	30.6	5.55	47.3	21.4	9.48	6.3
R1186MC015KA 28-29cm	57.0	<1	<0.1	39.1	78.9	37.7	11.5	50	0.65	29.2	5.34	44.7	20.3	9.16	6.7
R1186MC015KA 30-31cm	60.0	<1	0.11	40.9	82.5	38.7	12.1	52	0.67	30.6	5.63	47.4	21.4	9.62	6.3
Standard Hynne	59.1	<1	<0.1	51.8	78.9	76.5	18.5	26	0.42	29.1	5.17	50.2	24.0	11.7	6.0
MINN standard	34.0	<1	<0.1	20.7	55.6	5.0	8.4	<10	0.24	17.3	2.83	25.1	15.7	8.91	3.7
R1200MC016KA 0-1cm	57.7	<1	<0.1	41.4	80.0	37.2	13.1	46	0.62	29.4	5.48	45.4	21.6	9.30	8.3
R1200MC016KA 1-2cm	61.0	<1	<0.1	43.4	83.2	39.2	13.8	49	0.64	31.4	5.81	48.3	22.5	9.64	9.5
R1200MC016KA 2-3cm	61.6	<1	<0.1	44.7	86.6	39.9	14.1	50	0.67	31.9	5.94	48.9	22.9	9.98	9.3
R1200MC016KA3-4cm	59.5	<1	0.10	43.1	82.9	38.8	13.6	49	0.64	31.6	5.75	48.2	22.5	9.56	8.4
R1200MC016KA 4-5cm	55.8	<1	0.12	41.3	78.4	35.4	12.5	47	0.62	27.3	5.24	44.8	20.7	8.81	8.9
R1200MC016KA 5-6cm	55.1	<1	0.11	40.8	77.8	35.7	12.5	45	0.60	27.3	5.20	45.3	20.6	8.75	9.2
R1200MC016KA 6-7cm	57.6	<1	<0.1	42.7	79.6	36.3	12.9	47	0.63	27.8	5.41	46.2	21.0	9.07	9.5
R1200MC016KA 7-8cm	55.9	<1	0.13	41.1	77.9	35.2	12.5	46	0.60	27.3	5.24	45.2	20.7	8.85	9.5
R1200MC016KA 8-9cm	55.5	<1	0.14	40.9	77.6	35.1	12.3	46	0.61	26.5	5.19	45.2	20.7	8.86	9.5
R1200MC016KA 9-10cm	56.0	<1	0.14	41.3	78.3	35.3	12.6	47	0.61	27.1	5.25	45.1	20.7	8.82	8.6
R1200MC016KA 10-11cm	49.7	<1	<0.1	36.3	68.0	31.6	11.0	42	0.55	23.4	4.64	41.5	18.6	8.14	9.0
R1200MC016KA 11-12cm	51.7	<1	0.13	38.4	72.3	32.8	11.5	44	0.55	24.3	4.81	42.7	19.3	8.34	8.9
R1200MC016KA12-13cm	46.9	<1	<0.1	34.4	65.7	31.2	10.3	41	0.52	22.5	4.37	39.5	17.8	7.73	8.0
R1200MC016KA 13-14cm	44.5	<1	<0.1	32.9	63.2	29.8	9.9	39	0.49	21.1	4.15	38.1	17.2	7.51	8.4

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R1200MC016KA 14-15cm	422	14100	18200	544	10400	7510	6870	5120	175	452	10.3	49.6	6.1	23.4	7.79
R1200MC016KA 16-17cm	470	14600	18800	552	10900	7940	6990	5260	183	437	10.5	50.4	6.4	25.1	7.89
R1200MC016KA 18-19cm	446	13100	16700	500	9920	7680	6260	4710	168	421	9.7	44.9	5.9	21.9	7.23
R1200MC016KA 20-21cm	468	12700	16400	484	9700	7500	6280	4570	166	434	9.7	44.5	6.2	21.6	7.24
R1200MC016KA 22-23cm	441	12100	15400	464	9430	7470	6940	4400	159	421	9.4	43.3	7.3	19.7	6.47
R1200MC016KA 24-25cm	441	13100	17100	492	10100	8230	8480	4730	176	462	10.7	51.3	10.9	21.7	6.80
R1200MC016KA 26-27cm	296	14400	18900	533	11000	9190	10700	5070	229	547	11.4	52.3	12.2	22.4	7.30
R1200MC016KA 28-29cm	322	13700	18600	522	11000	11500	14700	4920	361	553	11.1	51.7	11.9	22.7	7.39
Standard Hynne	<250	19500	25900	1220	13900	21100	6320	6720	367	633	15.9	77.4	11.2	33.8	9.57
MINN standard	301	17000	28800	2060	6190	986	<200	5650	221	392	7.6	59.8	12.0	15.6	8.82
R1205MC017KA 0-1cm	332	15100	21600	615	11700	10000	13900	5500	311	614	13.0	57.2	13.4	24.6	8.19
R1205MC017KA 1-2cm	325	14900	20700	604	11300	9800	12500	5460	281	584	13.0	57.5	13.4	25.2	8.05
R1205MC017KA 2-3cm	281	15000	20600	616	11400	10200	12800	5480	299	568	13.0	56.5	13.6	25.0	8.15
R1205MC017KA 3-4cm	<250	15500	20500	639	11600	10400	12400	5740	268	528	13.2	57.9	13.3	25.5	8.02
R1205MC017KA 4-5cm	307	15000	19600	616	11400	9970	11700	5570	257	505	12.9	56.2	13.4	24.4	7.80
R1205MC017KA 5-6cm	321	14000	18400	573	10600	9390	10400	5200	253	492	12.1	53.4	13.3	22.9	7.46
R1205MC017KA 6-7cm	333	13900	18300	575	10600	9320	10200	5150	238	468	11.8	52.2	12.6	23.1	7.32
R1205MC017KA 7-8cm	320	13500	17700	560	10300	9290	9330	5030	213	461	11.5	51.5	12.3	22.2	7.14
R1205MC017KA 8-9cm	<250	13500	17700	569	10200	9250	8270	5010	197	461	11.4	51.5	12.2	21.2	7.04
R1205MC017KA 9-10cm	<250	12700	16800	545	9800	8890	8070	4730	189	448	10.9	48.9	11.8	20.8	6.71
R1205MC017KA 10-11cm	<250	13000	17100	555	9930	8780	8470	4850	190	457	10.7	48.3	11.8	20.6	6.78
R1205MC017KA 11-12cm	<250	13000	17100	562	9960	8520	8180	4880	190	447	10.7	49.2	12.2	21.8	6.81
R1205MC017KA12-13cm	<250	13300	17400	571	10000	8320	8000	5010	183	449	11.0	50.7	12.7	22.0	7.02
R1205MC017KA 13-14cm	<250	13100	17200	567	10000	8270	7710	4930	178	445	10.3	47.9	11.6	21.5	6.95
R1205MC017KA 14-15cm	<250	12500	16300	541	9500	8030	7280	4680	172	439	9.8	44.9	10.0	20.5	6.84
R1205MC017KA 16-17cm	<250	12900	17100	561	9660	7920	6860	4800	170	430	10.8	45.1	8.6	20.8	6.90
R1205MC017KA 18-19cm	<250	12900	16400	550	9340	7410	6620	4810	174	484	9.7	50.3	8.2	20.9	6.95
R1205MC017KA 20-21cm	<250	12300	15800	532	9130	7230	6340	4640	171	469	9.5	48.4	7.1	20.2	6.80
R1205MC017KA 22-23cm	<250	12600	16200	544	9410	7200	6620	4810	176	473	9.5	49.5	7.4	21.6	7.07
R1205MC017KA 24-25cm	<250	12500	16100	531	9320	7120	6600	4740	173	480	9.6	49.0	6.5	21.0	6.89
R1205MC017KA 26-27cm	<250	12700	16200	545	9300	7100	6840	4770	170	466	9.5	48.8	6.4	20.8	6.97
Standard Hynne	<250	19700	25800	1220	13800	19500	6350	6920	405	700	15.0	86.4	12.1	34.2	10.0
MINN standard	<250	17100	28600	2120	6120	940	214	5880	228	417	7.8	67.8	12.7	17.5	9.54
R1213MC018KA 0-1cm	<250	15700	20400	689	11400	20200	17100	6180	496	640	13.0	66.7	15.5	27.0	9.03
R1213MC018KA 1-2cm	<250	16300	21700	706	11600	17900	12900	6190	525	651	13.6	70.3	16.7	27.6	9.85

ICP-AES NB! NGU-lab er ikke akkreditert for Si (geologisk materiale).

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ICP-AES ANALYSER
GEOLOGISK MATERIALE
ANALYSEKONTRAKTNR. 2014.0017

NORSK AKKREDITERING TEST 020

Prøve ID	V [mg/kg]	Mo [mg/kg]	Cd [mg/kg]	Cr [mg/kg]	Ba [mg/kg]	Sr [mg/kg]	Zr [mg/kg]	B [mg/kg]	Be [mg/kg]	Li [mg/kg]	Sc [mg/kg]	Ce [mg/kg]	La [mg/kg]	Y [mg/kg]	As [mg/kg]
R1200MC016KA 14-15cm	45.7	<1	0.12	33.2	62.4	31.0	10.0	40	0.50	21.2	4.23	38.9	17.6	7.73	6.7
R1200MC016KA 16-17cm	47.2	<1	0.14	34.0	61.7	31.1	10.0	41	0.51	21.9	4.26	38.3	17.5	7.72	7.6
R1200MC016KA 18-19cm	43.4	<1	0.14	30.6	56.3	28.9	9.2	37	0.47	19.5	3.86	36.1	16.4	7.32	6.5
R1200MC016KA 20-21cm	43.1	<1	0.14	30.6	56.1	28.4	9.0	37	0.46	19.0	3.82	36.0	16.4	7.28	6.5
R1200MC016KA 22-23cm	40.3	<1	0.12	28.5	55.4	28.6	8.4	36	0.44	18.0	3.61	34.4	15.8	6.98	3.8
R1200MC016KA 24-25cm	43.3	<1	<0.1	31.1	63.5	33.8	9.1	40	0.47	19.3	3.96	36.6	16.7	7.45	3.1
R1200MC016KA 26-27cm	45.5	<1	<0.1	32.3	68.7	43.1	9.4	43	0.49	21.0	4.14	36.6	16.9	7.55	6.6
R1200MC016KA 28-29cm	44.7	<1	<0.1	31.3	65.4	57.5	8.8	46	0.49	19.8	4.02	34.8	16.1	7.25	8.2
Standard Hynne	55.9	<1	<0.1	49.8	69.8	73.9	18.0	25	0.39	26.4	4.69	45.8	22.1	10.9	6.3
MINN standard	33.0	<1	<0.1	20.5	53.2	4.7	7.6	<10	0.24	15.5	2.72	28.7	16.5	8.59	3.3
R1205MC017KA 0-1cm	47.9	<1	<0.1	34.4	73.6	50.3	10.4	45	0.51	21.9	4.43	38.5	17.7	8.21	9.2
R1205MC017KA 1-2cm	47.1	<1	<0.1	34.2	72.8	48.2	10.4	44	0.51	21.8	4.42	38.3	17.6	8.16	8.1
R1205MC017KA 2-3cm	47.0	<1	<0.1	34.0	73.5	49.1	10.4	43	0.50	21.8	4.39	38.4	17.9	8.17	6.8
R1205MC017KA 3-4cm	47.7	<1	<0.1	34.5	73.5	49.4	10.6	44	0.52	22.7	4.48	38.5	17.8	8.34	5.6
R1205MC017KA 4-5cm	45.9	<1	<0.1	33.9	71.0	46.1	10.3	42	0.51	22.1	4.36	38.3	17.5	8.11	4.8
R1205MC017KA 5-6cm	44.0	<1	<0.1	32.3	67.9	42.2	9.9	41	0.48	20.7	4.15	37.2	17.1	7.89	3.9
R1205MC017KA 6-7cm	42.8	<1	<0.1	31.5	66.4	41.1	9.8	39	0.47	20.5	4.05	36.3	16.7	7.76	4.7
R1205MC017KA 7-8cm	41.8	<1	<0.1	31.0	64.6	39.7	9.5	39	0.46	20.0	3.98	36.1	16.4	7.63	3.5
R1205MC017KA 8-9cm	41.9	<1	<0.1	30.6	66.0	39.3	9.7	38	0.47	20.0	3.99	36.6	16.8	7.75	2.9
R1205MC017KA 9-10cm	39.8	<1	<0.1	29.2	61.8	36.6	9.2	36	0.44	18.6	3.75	35.4	16.3	7.47	3.6
R1205MC017KA 10-11cm	39.9	<1	<0.1	29.3	63.3	36.7	9.2	37	0.43	18.9	3.78	35.3	15.9	7.40	3.8
R1205MC017KA 11-12cm	40.8	<1	<0.1	30.4	65.1	35.7	9.3	37	0.45	18.9	3.84	36.1	16.5	7.48	3.8
R1205MC017KA12-13cm	42.4	<1	<0.1	31.1	65.4	34.7	9.4	38	0.46	19.4	3.94	36.9	16.9	7.61	4.5
R1205MC017KA 13-14cm	41.4	<1	<0.1	30.5	64.4	33.7	9.3	37	0.46	19.2	3.81	35.5	16.1	7.36	4.9
R1205MC017KA 14-15cm	40.3	<1	<0.1	29.0	60.6	32.1	8.9	36	0.43	18.4	3.66	34.8	15.6	7.12	5.1
R1205MC017KA 16-17cm	41.6	<1	<0.1	29.8	62.7	31.8	9.0	36	0.45	18.7	3.76	34.7	15.7	7.11	6.1
R1205MC017KA 18-19cm	41.6	<1	<0.1	30.7	57.5	30.2	9.1	37	0.47	18.4	3.76	34.3	14.9	6.85	4.8
R1205MC017KA 20-21cm	40.0	<1	<0.1	29.8	57.7	28.8	8.8	35	0.44	17.7	3.63	33.6	14.6	6.72	6.2
R1205MC017KA 22-23cm	41.1	<1	<0.1	30.5	57.1	29.1	9.0	37	0.44	18.5	3.73	34.2	14.9	6.82	6.4
R1205MC017KA 24-25cm	40.0	<1	<0.1	30.1	56.5	28.8	8.8	36	0.44	18.3	3.67	33.9	14.9	6.80	6.0
R1205MC017KA 26-27cm	41.7	<1	0.14	30.1	56.6	29.0	9.0	36	0.44	18.3	3.68	34.1	14.8	6.77	5.7
Standard Hynne	54.9	<1	<0.1	50.6	68.1	71.7	17.6	25	0.40	25.6	4.62	48.0	22.1	10.9	6.0
MINN standard	33.7	<1	<0.1	21.0	53.7	4.6	7.6	<10	0.25	15.6	2.65	28.0	14.1	7.78	4.3
R1213MC018KA 0-1cm	48.4	<1	<0.1	33.8	80.9	101	9.7	50	0.52	21.5	4.35	37.3	16.8	7.79	7.6
R1213MC018KA 1-2cm	49.8	<1	<0.1	36.4	84.0	86.7	10.4	49	0.55	23.1	4.56	39.2	17.6	8.20	8.5

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NORSK AKKREDITERING TEST 020

Prøve ID	Si [mg/kg]	Al [mg/kg]	Fe [mg/kg]	Ti [mg/kg]	Mg [mg/kg]	Ca [mg/kg]	Na [mg/kg]	K [mg/kg]	Mn [mg/kg]	P [mg/kg]	Cu [mg/kg]	Zn [mg/kg]	Pb [mg/kg]	Ni [mg/kg]	Co [mg/kg]
R1213MC018KA 2-3cm	<250	16800	22500	727	11500	16800	11300	6440	331	673	14.1	72.7	17.4	27.3	9.36
R1213MC018KA 3-4cm	<250	17200	22100	744	11800	16700	10500	6780	230	609	14.9	75.5	18.7	28.9	9.01
R1213MC018KA 4-5cm	<250	16600	20900	734	11400	16000	9860	6630	217	565	14.0	72.3	17.9	27.8	8.55
R1213MC018KA 5-6cm	<250	17200	21600	758	11800	16100	10100	6900	225	574	14.8	76.0	19.1	28.7	9.06
R1213MC018KA 6-7cm	<250	16900	21200	752	11700	16100	10100	6740	222	567	14.2	74.1	19.1	28.1	9.07
R1213MC018KA 7-8cm	<250	18000	23200	792	12200	17400	10500	6930	218	509	15.2	66.1	18.8	28.6	8.87
R1213MC018KA 8-9cm	<250	16300	21300	726	11500	16200	9820	6250	205	503	13.6	60.8	17.2	26.2	8.30
R1213MC018KA 9-10cm	<250	16900	22200	751	11800	17000	10300	6550	209	509	14.2	62.4	17.6	27.2	8.38
R1213MC018KA 10-11cm	<250	16900	22200	744	11900	17400	10300	6550	211	506	14.4	63.1	17.6	27.8	8.47
R1213MC018KA 11-12cm	<250	16600	21600	743	11600	17200	10100	6410	206	512	14.0	62.1	17.1	26.8	8.28
R1213MC018KA12-13cm	<250	16400	21300	737	11600	17300	10200	6380	205	502	13.7	60.2	16.8	26.3	8.10
R1213MC018KA 13-14cm	<250	16800	22000	758	11800	17900	10900	6580	208	507	14.0	61.7	16.8	25.8	8.30
R1213MC018KA 14-15cm	<250	16300	21300	736	11700	17500	11300	6350	204	496	13.5	59.6	15.3	26.4	8.04
R1213MC018KA 16-17cm	<250	14600	19300	676	10500	16800	9200	5700	186	471	11.4	51.2	11.4	23.9	7.31
R1213MC018KA 18-19cm	<250	13500	17900	634	9920	15300	7960	5230	176	478	10.8	47.1	9.3	21.3	7.09
R1213MC018KA 20-21cm	<250	12500	16800	606	9340	14700	7120	4810	166	445	9.3	41.8	7.0	21.1	6.76
R1213MC018KA 22-23cm	<250	12400	17100	604	9210	15300	6950	4770	166	440	9.3	41.3	5.3	20.4	6.70
R1213MC018KA 24-25cm	271	11900	16300	581	8940	14900	6600	4570	162	420	8.7	39.6	5.2	19.4	6.42
R1213MC018KA 26-27cm	<250	12100	16700	585	9010	15200	6740	4670	163	431	9.0	40.3	5.8	20.8	6.33
R1213MC018KA 28-29cm	<250	14600	19900	685	10500	16600	7840	5680	190	461	11.0	49.0	6.1	24.0	7.74
R1213MC018KA 30-31cm	<250	14500	19600	681	10300	15800	7490	5620	189	455	11.0	48.3	5.9	24.8	7.81
R1213MC018KA 32-33cm	<250	15800	21300	733	11100	17100	8420	6150	199	465	12.3	51.7	6.6	25.6	8.17
R1213MC018KA 34-35cm	<250	15600	20900	716	11000	16100	8380	6060	201	467	11.7	50.7	5.8	26.2	8.35
Standard Hynne	<250	19000	26300	1200	13400	17900	6320	6620	342	590	15.2	73.7	11.3	30.9	8.91
MINN standard	341	17000	29500	2050	6150	951	<200	5700	217	377	7.9	59.8	11.3	15.5	8.91
R889MC025KA 0-1cm	<250	13300	17400	689	9130	56300	15100	5220	489	723	9.8	49.3	18.0	18.8	6.57
R889MC025KA 1-2cm	<250	13600	18100	694	8910	56800	12600	5210	668	731	10.0	50.5	18.9	19.1	6.89
R889MC025KA 2-3cm	<250	13700	18300	703	8840	57800	11600	5260	722	729	9.9	49.5	18.0	18.8	7.45
R889MC025KA 3-4cm	<250	13300	17600	688	8430	56500	10000	5130	284	732	9.9	49.0	17.9	18.5	6.51
R889MC025KA 4-5cm	<250	13000	17300	674	8260	57000	9720	5090	230	750	9.6	47.5	17.5	18.5	6.01
R889MC025KA 5-6cm	<250	13100	17100	677	8350	56500	10100	5200	220	714	9.6	48.6	17.5	17.2	6.05
R889MC025KA 6-7cm	<250	13100	17000	680	8250	56300	9460	5240	222	709	9.4	47.8	17.4	19.4	6.01
R889MC025KA 7-8cm	<250	13000	17000	678	8240	57000	9650	5190	217	702	9.3	47.0	17.0	18.1	5.83
R889MC025KA 8-9cm	<250	12900	16700	680	8200	56000	9710	5150	216	708	9.3	46.5	15.9	17.4	5.76
R889MC025KA 9-10cm	<250	13300	17700	697	8370	55500	8850	5260	227	710	9.2	47.3	14.1	19.5	6.33

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ANALYSEKONTRAKTNR. 2014.0017

NORSK AKKREDITERING TEST 020

Prøve ID	V [mg/kg]	Mo [mg/kg]	Cd [mg/kg]	Cr [mg/kg]	Ba [mg/kg]	Sr [mg/kg]	Zr [mg/kg]	B [mg/kg]	Be [mg/kg]	Li [mg/kg]	Sc [mg/kg]	Ce [mg/kg]	La [mg/kg]	Y [mg/kg]	As [mg/kg]
R1213MC018KA 2-3cm	52.2	<1	<0.1	37.7	83.1	80.4	10.8	51	0.56	23.8	4.74	40.2	18.1	8.48	8.7
R1213MC018KA 3-4cm	53.2	<1	<0.1	38.5	85.0	76.8	11.3	51	0.58	25.0	4.89	41.8	19.1	8.74	6.0
R1213MC018KA 4-5cm	50.5	<1	<0.1	36.7	83.2	71.2	10.7	48	0.56	24.3	4.62	40.1	18.2	8.41	4.3
R1213MC018KA 5-6cm	52.6	<1	<0.1	38.4	85.4	71.8	11.2	50	0.59	25.3	4.85	42.2	18.9	8.74	4.5
R1213MC018KA 6-7cm	51.4	<1	<0.1	38.1	85.9	71.2	11.2	49	0.58	25.0	4.76	41.3	18.7	8.65	4.5
R1213MC018KA 7-8cm	52.9	<1	<0.1	37.5	91.9	76.5	11.5	51	0.57	26.1	5.06	43.1	19.7	9.28	4.8
R1213MC018KA 8-9cm	48.6	<1	<0.1	35.0	85.2	69.3	10.7	46	0.53	23.9	4.67	40.7	18.9	8.85	4.5
R1213MC018KA 9-10cm	50.2	<1	<0.1	35.9	87.0	73.3	10.9	48	0.54	24.7	4.79	41.7	19.3	9.04	4.3
R1213MC018KA 10-11cm	50.4	<1	<0.1	36.3	87.1	75.0	10.9	49	0.54	25.0	4.82	41.6	19.3	9.01	4.5
R1213MC018KA 11-12cm	49.8	<1	<0.1	35.6	86.3	74.1	10.9	48	0.53	24.5	4.76	42.0	19.5	9.03	4.3
R1213MC018KA12-13cm	48.6	<1	<0.1	34.8	83.4	74.0	10.4	47	0.52	24.5	4.64	40.2	18.7	8.85	4.0
R1213MC018KA 13-14cm	50.0	<1	<0.1	35.8	86.5	77.9	10.8	49	0.56	24.6	4.78	41.0	19.0	8.97	4.8
R1213MC018KA 14-15cm	48.7	<1	<0.1	35.0	85.3	75.9	10.6	48	0.52	24.4	4.66	40.2	18.8	8.85	4.8
R1213MC018KA 16-17cm	44.0	<1	<0.1	31.4	76.9	72.7	9.5	42	0.46	21.6	4.16	37.1	17.3	8.08	4.7
R1213MC018KA 18-19cm	41.5	<1	0.11	29.9	69.5	63.0	9.1	40	0.45	20.3	3.92	36.7	16.8	7.87	4.9
R1213MC018KA 20-21cm	39.2	<1	0.14	28.2	65.4	56.5	8.5	37	0.42	18.8	3.61	35.3	16.2	7.42	5.3
R1213MC018KA 22-23cm	39.3	<1	0.16	27.9	62.8	59.5	8.5	37	0.42	18.5	3.65	35.6	16.3	7.51	6.2
R1213MC018KA 24-25cm	37.0	<1	0.12	26.8	60.5	57.4	8.2	35	0.40	17.9	3.46	33.6	15.5	7.22	5.4
R1213MC018KA 26-27cm	37.3	<1	0.13	27.1	63.0	59.3	8.3	36	0.39	18.4	3.54	34.2	15.8	7.35	5.2
R1213MC018KA 28-29cm	45.2	<1	0.12	32.1	75.2	67.1	9.8	42	0.47	22.1	4.22	37.5	17.4	8.10	5.9
R1213MC018KA 30-31cm	44.6	<1	0.13	31.6	76.3	64.4	9.7	41	0.48	21.9	4.19	37.5	17.3	8.10	6.2
R1213MC018KA 32-33cm	46.9	<1	0.11	34.2	81.4	71.1	10.3	44	0.50	23.6	4.49	39.3	18.2	8.38	5.8
R1213MC018KA 34-35cm	46.3	<1	0.12	33.7	79.0	67.9	10.3	44	0.48	23.6	4.41	38.7	17.9	8.33	6.4
Standard Hynne	52.9	<1	<0.1	47.3	69.9	66.0	16.6	24	0.37	25.5	4.56	45.6	21.5	10.5	5.9
MINN standard	33.0	<1	<0.1	20.3	54.8	4.5	8.0	<10	0.25	16.1	2.72	27.2	15.0	8.49	4.2
R889MC025KA 0-1cm	40.3	<1	<0.1	25.1	81.2	222	7.6	41	0.47	20.1	3.90	36.7	17.9	9.77	5.6
R889MC025KA 1-2cm	40.9	<1	<0.1	26.1	80.7	222	7.9	40	0.47	20.5	4.01	37.9	18.4	10.0	5.6
R889MC025KA 2-3cm	40.2	<1	<0.1	25.8	79.0	224	7.9	39	0.49	20.5	3.98	37.9	18.5	10.1	5.8
R889MC025KA 3-4cm	39.9	<1	<0.1	25.5	75.2	216	7.9	38	0.47	20.0	3.91	37.1	18.3	9.93	6.5
R889MC025KA 4-5cm	38.4	<1	<0.1	24.3	72.0	217	7.7	36	0.45	19.7	3.84	36.7	18.0	10.1	4.8
R889MC025KA 5-6cm	39.1	<1	<0.1	24.8	70.5	214	7.9	37	0.47	20.0	3.87	37.4	18.2	9.93	5.0
R889MC025KA 6-7cm	39.0	<1	<0.1	24.8	67.6	214	7.8	37	0.47	20.3	3.87	37.9	18.4	9.95	5.3
R889MC025KA 7-8cm	38.4	<1	<0.1	24.2	67.2	214	7.7	36	0.46	20.0	3.83	37.4	18.3	10.0	4.3
R889MC025KA 8-9cm	37.8	<1	<0.1	23.9	65.1	213	7.8	36	0.45	19.8	3.80	36.9	18.1	9.97	4.2
R889MC025KA 9-10cm	39.0	<1	<0.1	25.3	61.7	210	8.2	37	0.47	20.4	3.95	38.3	18.5	10.0	6.1

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R889MC025KA 10-11cm	<250	13900	18000	736	8530	55700	7770	5500	238	694	9.8	48.1	11.2	19.7	6.94
R889MC025KA 11-12cm	<250	15100	19700	784	9320	56500	7700	6090	254	686	10.4	52.6	11.9	22.1	7.76
R889MC025KA 12-13cm	<250	16100	21200	817	9800	53900	7740	6550	271	662	12.1	55.3	10.5	23.2	8.64
R889MC025KA13-14cm	<250	17400	22700	874	10800	52400	7770	7130	296	647	12.9	58.8	10.8	26.4	9.94
R889MC025KA 14-15cm	<250	16200	20600	829	9850	54000	7190	6580	271	656	11.3	54.9	9.6	24.1	8.87
R889MC025KA 16-17cm	<250	17900	22900	887	10900	54600	8190	7340	295	662	12.4	60.7	11.0	27.4	9.72
R889MC025KA 18-19cm	<250	18400	24000	924	11300	51100	8490	7510	302	658	12.8	61.3	10.9	27.7	10.4
R889MC025KA 20-21cm	<250	19200	25500	952	11800	49700	8870	7890	307	657	13.8	64.4	10.9	28.8	10.7
R889MC025KA 22-23cm	<250	19400	25200	968	11900	49200	8670	7980	313	652	13.9	64.6	10.7	28.7	10.0
R889MC025KA 24-25cm	<250	20100	26400	986	12400	47100	8370	8250	328	641	15.4	67.3	10.5	30.7	11.8
R889MC025KA 26-27cm	<250	20300	27300	998	12500	48000	8290	8340	331	637	15.2	66.4	10.1	31.5	12.3
R889MC025KA 28-29cm	<250	19200	26200	908	12000	47900	8290	7850	309	614	14.4	64.4	10.5	31.7	11.8
R889MC025KA 30-31cm	<250	19000	25300	907	12000	47900	8180	7780	310	617	14.0	63.4	10.3	29.7	10.9
R889MC025KA 32-33cm	<250	13400	17800	711	8990	56700	14400	5340	481	701	9.6	48.1	17.9	18.8	6.40
R898MC023KA_0-1cm	<250	10000	13800	578	6890	46100	12100	4010	432	759	7.7	37.3	16.0	15.2	4.94
R911MC022KA 0-1cm	<250	6840	10100	440	4870	43500	9610	2820	528	803	5.6	28.0	14.4	11.9	4.20
Standard Hynne	<250	19600	27400	1240	14300	18500	6330	6990	364	606	15.8	74.0	11.7	34.2	9.45
MINN standard	<250	17800	31700	2240	6480	1020	<200	6130	222	397	7.8	61.0	12.0	15.7	8.96
R949MC028KA 0-1cm	<250	15100	19700	768	10200	70600	16800	6110	460	646	11.4	53.6	18.1	21.4	7.04
R949MC028KA1-2cm	<250	15600	20500	785	10300	70700	14800	6230	485	667	10.0	56.0	19.7	23.9	7.48
R949MC028KA 2-3cm	<250	14700	19600	747	9670	69400	12100	5490	536	695	9.6	56.9	19.7	24.4	7.46
R949MC028KA 3-4cm	<250	14300	18700	733	9270	67200	10800	5330	585	663	9.0	53.3	18.8	22.1	7.15
R949MC028KA 4-5cm	<250	14700	19400	753	9420	69200	10400	5410	792	672	9.2	54.4	18.7	22.7	7.76
R949MC028KA 5-6cm	<250	14900	19900	766	9520	69700	10700	5560	653	699	9.3	54.8	16.9	22.6	8.51
R949MC028KA 6-7cm	<250	14500	20000	753	9420	70500	10400	5490	426	694	8.8	52.5	15.8	21.9	7.38
R949MC028KA 7-8cm	<250	14700	20300	761	9470	71800	10700	5650	247	700	9.1	52.1	14.6	21.9	6.40
R949MC028KA 8-9cm	<250	14700	19500	771	9500	71800	10600	5700	218	671	9.2	53.1	14.6	20.1	6.14
R949MC028KA 9-10cm	<250	14200	18700	751	9170	70300	10500	5580	205	647	9.1	50.7	14.3	19.8	5.92
R949MC028KA 10-11cm	<250	14600	18600	767	9370	69000	10000	5730	210	641	8.8	51.9	12.2	21.2	6.18
R949MC028KA 11-12cm	<250	14500	18400	760	9270	69600	9820	5720	213	649	9.0	51.0	12.5	21.9	6.32
R949MC028KA 12-13cm	<250	14600	18900	764	9450	70500	9780	5820	215	633	8.9	51.5	11.3	21.6	6.35
R949MC028KA 13-14cm	<250	14700	19200	765	9540	71000	9610	5880	230	659	8.6	53.4	10.7	22.8	6.94
R949MC028KA 14-15cm	<250	14600	18800	765	9400	69200	9180	5830	219	622	8.5	49.5	9.9	20.7	6.35
R949MC028KA 16-17cm	<250	14400	18500	758	9300	70400	9890	5810	220	645	8.2	49.2	9.2	21.5	6.40
R949MC028KA 18-19cm	<250	14900	18900	771	9520	66900	9430	6070	230	641	8.5	51.5	8.7	21.9	6.78

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NORSK AKKREDITERING TEST 020

Prøve ID	V [mg/kg]	Mo [mg/kg]	Cd [mg/kg]	Cr [mg/kg]	Ba [mg/kg]	Sr [mg/kg]	Zr [mg/kg]	B [mg/kg]	Be [mg/kg]	Li [mg/kg]	Sc [mg/kg]	Ce [mg/kg]	La [mg/kg]	Y [mg/kg]	As [mg/kg]
R889MC025KA 10-11cm	41.9	<1	<0.1	26.3	60.0	209	8.9	37	0.49	21.3	4.10	38.9	18.8	10.3	6.0
R889MC025KA 11-12cm	45.0	<1	0.10	28.5	63.0	210	10.1	40	0.55	23.6	4.48	41.4	20.1	10.7	6.4
R889MC025KA 12-13cm	47.7	<1	0.15	29.7	67.3	203	10.9	41	0.58	25.2	4.69	43.6	20.8	11.1	7.3
R889MC025KA13-14cm	51.6	<1	0.21	31.6	70.8	193	12.1	41	0.61	27.3	5.04	45.5	22.1	11.4	8.8
R889MC025KA 14-15cm	47.2	<1	0.12	29.8	66.5	202	11.0	40	0.59	25.4	4.69	43.1	20.9	11.0	8.1
R889MC025KA 16-17cm	52.3	<1	0.11	32.7	73.4	205	12.5	44	0.65	28.0	5.21	46.0	22.3	11.8	8.5
R889MC025KA 18-19cm	52.9	<1	0.16	33.0	74.8	191	12.7	43	0.65	29.0	5.24	46.8	22.7	11.6	9.1
R889MC025KA 20-21cm	54.9	<1	0.12	34.8	77.9	183	13.8	45	0.68	30.0	5.52	48.3	23.4	12.1	9.5
R889MC025KA 22-23cm	54.9	<1	0.10	34.7	79.0	181	13.7	44	0.69	30.2	5.53	49.1	23.6	12.0	8.3
R889MC025KA 24-25cm	57.6	<1	0.12	36.2	80.0	172	14.7	45	0.71	31.4	5.69	49.4	23.8	12.2	13.2
R889MC025KA 26-27cm	57.8	<1	0.17	36.2	81.1	175	14.8	45	0.71	31.8	5.68	48.8	23.6	12.1	16.2
R889MC025KA 28-29cm	54.0	<1	0.16	34.0	73.3	176	14.5	44	0.67	30.6	5.32	46.6	22.4	11.7	15.4
R889MC025KA 30-31cm	53.5	<1	0.17	33.9	74.2	179	14.2	43	0.68	30.5	5.30	46.6	22.4	11.5	12.2
R889MC025KA 32-33cm	40.0	<1	<0.1	25.2	80.1	222	7.6	40	0.46	20.4	3.89	36.5	18.0	9.74	6.0
R898MC023KA_0-1cm	31.6	<1	<0.1	18.6	68.4	178	5.6	32	0.36	14.7	3.07	32.4	16.0	8.85	5.1
R911MC022KA 0-1cm	23.5	<1	<0.1	12.6	59.2	167	3.6	24	0.24	8.96	2.17	29.6	14.5	7.33	5.9
Standard Hynne	54.7	<1	<0.1	48.8	74.9	68.9	17.6	24	0.38	27.5	4.73	46.8	21.8	11.0	5.7
MINN standard	35.2	<1	<0.1	21.0	58.5	4.8	8.5	<10	0.26	17.2	2.83	26.5	15.7	8.74	4.4
R949MC028KA 0-1cm	42.5	<1	0.10	27.7	117	281	8.4	44	0.51	22.7	4.26	37.4	18.5	10.3	6.0
R949MC028KA1-2cm	44.7	<1	<0.1	29.1	117	282	9.1	45	0.56	23.6	4.52	39.6	19.5	10.9	5.8
R949MC028KA 2-3cm	41.8	<1	<0.1	28.8	96.2	268	8.5	44	0.55	21.3	4.24	38.2	18.4	10.3	6.0
R949MC028KA 3-4cm	40.3	<1	<0.1	27.5	75.7	256	8.4	41	0.55	21.0	4.12	37.6	18.2	10.1	5.4
R949MC028KA 4-5cm	40.9	<1	<0.1	28.0	68.6	261	8.5	41	0.54	21.4	4.18	38.3	18.3	10.2	5.7
R949MC028KA 5-6cm	41.6	<1	<0.1	28.3	65.8	265	8.9	42	0.55	21.7	4.27	38.2	18.7	10.5	6.1
R949MC028KA 6-7cm	41.2	<1	<0.1	27.7	62.0	262	8.7	42	0.54	21.3	4.16	37.3	18.1	10.2	6.6
R949MC028KA 7-8cm	42.0	<1	<0.1	28.2	60.4	266	8.9	42	0.54	21.6	4.22	38.2	18.4	10.4	6.0
R949MC028KA 8-9cm	42.5	<1	<0.1	28.3	61.1	264	8.9	42	0.53	22.1	4.21	38.5	18.4	10.4	4.6
R949MC028KA 9-10cm	40.6	<1	<0.1	27.3	57.9	258	8.7	41	0.52	21.1	4.11	37.5	18.1	10.2	4.1
R949MC028KA 10-11cm	42.4	<1	<0.1	28.0	57.9	254	9.0	42	0.56	21.9	4.24	39.1	18.7	10.4	4.2
R949MC028KA 11-12cm	41.7	<1	0.12	28.1	58.0	256	9.0	42	0.54	21.8	4.16	38.2	18.3	10.3	3.9
R949MC028KA 12-13cm	41.6	<1	0.13	28.0	59.8	258	9.0	41	0.54	22.1	4.22	38.7	18.4	10.3	4.0
R949MC028KA 13-14cm	43.4	<1	<0.1	29.9	60.3	257	9.6	42	0.57	22.2	4.42	40.8	19.5	10.7	4.0
R949MC028KA 14-15cm	41.7	<1	0.11	27.9	57.9	253	9.2	41	0.56	21.2	4.23	39.1	18.5	10.3	3.9
R949MC028KA 16-17cm	39.5	<1	<0.1	27.5	56.9	254	9.0	40	0.52	21.9	4.14	38.6	18.3	10.2	3.3
R949MC028KA 18-19cm	40.9	<1	<0.1	28.3	57.2	243	9.5	40	0.56	22.8	4.26	40.1	19.0	10.4	4.0

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Prøve ID	Si [mg/kg]	Al [mg/kg]	Fe [mg/kg]	Ti [mg/kg]	Mg [mg/kg]	Ca [mg/kg]	Na [mg/kg]	K [mg/kg]	Mn [mg/kg]	P [mg/kg]	Cu [mg/kg]	Zn [mg/kg]	Pb [mg/kg]	Ni [mg/kg]	Co [mg/kg]
R949MC028KA 20-21cm	<250	15300	19900	791	9630	63600	8310	6140	236	625	8.8	52.0	9.3	22.6	7.23
R949MC028KA 22-23cm	<250	15600	19900	794	9680	61400	7690	6230	238	616	9.3	53.0	8.9	23.4	7.46
R949MC028KA 24-25cm	<250	16700	21100	848	10200	61600	7420	6660	252	627	9.7	56.3	9.1	24.7	8.01
R949MC028KA 26-27cm	<250	18800	23600	927	11700	47700	7400	7440	286	646	13.2	65.1	9.5	28.3	9.78
R949MC028KA 28-29cm	<250	17400	22400	875	10900	48800	7300	6970	266	612	11.2	59.7	9.6	27.8	9.03
R949MC028KA 30-31cm	<250	17400	22300	869	10900	52500	7470	6900	268	624	11.9	60.8	10.5	27.1	9.18
R949MC028KA 32-33cm	<250	17500	22700	860	11100	53100	8230	6970	272	618	11.2	61.2	10.3	29.2	9.42
R949MC028KA 34-35cm	<250	17600	22700	876	11200	49200	8780	7050	273	620	11.2	60.3	9.9	27.0	8.71
Standard Hynne	<250	18600	26100	1180	13100	17300	6120	6410	355	618	15.2	71.0	10.9	31.9	8.81
MINN standard	347	16100	28900	2040	5870	951	<200	5330	205	393	8.2	57.7	10.8	15.8	8.46
R961MC024KA_0-1cm	<250	13500	18200	676	9390	57300	16700	5310	515	700	9.6	50.2	19.2	18.9	6.59
R961MC024KA_1-2cm	<250	14100	19000	699	9410	58200	13800	5370	689	708	10.1	53.1	19.9	20.4	7.03
R961MC024KA_2-3cm	<250	14100	19300	704	9160	59000	12200	5340	503	714	9.9	52.3	19.7	20.2	6.86
R961MC024KA_3-4cm	<250	13600	18400	686	8910	55700	10800	5200	419	697	9.5	51.2	19.5	19.1	6.75
R961MC024KA_4-5cm	<250	14000	19400	705	9150	59000	11000	5400	342	704	9.9	52.2	19.4	20.9	6.70
R961MC024KA_5-6cm	<250	13700	18700	691	8960	58900	10600	5360	253	677	9.7	51.4	18.8	19.7	6.08
R961MC024KA_6-7cm	<250	13800	18900	703	8980	59300	10700	5400	223	690	9.5	50.5	18.2	19.3	6.03
R961MC024KA_7-8cm	<250	14000	19000	715	8970	59900	10700	5450	224	687	9.8	50.7	17.2	19.8	6.02
R961MC024KA_8-9cm	<250	13500	18500	692	8740	58300	9730	5240	221	696	9.0	48.9	16.4	19.5	5.93
R961MC024KA_9-10cm	<250	13600	18600	700	8670	59100	9780	5320	225	692	9.2	48.8	15.9	19.6	5.94
R961MC024KA_10-11cm	<250	13700	18400	716	8830	60700	9830	5400	220	670	9.7	48.5	14.9	19.5	5.84
R961MC024KA_11-12cm	<250	14100	18300	734	8920	61000	9760	5570	228	675	9.5	49.2	14.6	19.0	6.10
R961MC024KA_12-13cm	<250	14100	18400	745	8950	61600	9490	5620	231	678	9.1	48.6	13.1	20.8	6.12
R961MC024KA_13-14cm	<250	14100	18300	737	8830	61600	8860	5580	230	683	9.2	47.6	10.9	19.4	6.16
R961MC024KA_14-15cm	<250	13600	17700	718	8550	60400	8350	5370	228	669	8.8	45.7	9.8	18.9	6.07
R961MC024KA_16-17cm	<250	13600	18000	715	8610	60700	8360	5460	230	675	8.8	46.1	10.0	19.2	6.20
R961MC024KA_18-19cm	<250	13400	18100	706	8610	58900	8300	5420	228	661	8.2	45.5	9.1	19.3	6.07
R961MC024KA_20-21cm	<250	13900	18700	736	8780	61400	7990	5570	231	655	8.7	46.3	9.1	19.1	6.23
R961MC024KA_22-23cm	<250	14200	18900	751	8870	61500	7450	5690	236	667	8.8	47.3	9.6	19.4	6.53
R961MC024KA_24-25cm	<250	15100	20400	768	9730	53100	7240	6030	254	628	10.4	52.2	9.9	22.6	7.83
R961MC024KA_26-27cm	<250	17100	23200	837	10900	50900	7510	6790	281	628	11.7	59.6	8.9	26.5	9.51
R961MC024KA_28-29cm	<250	17500	23700	859	11200	49900	7730	6890	281	605	11.6	59.6	10.1	25.4	9.75
R961MC024KA_30-31cm	<250	17200	23500	847	11400	45100	7800	6800	286	604	11.6	60.6	10.2	25.8	9.39
R961MC024KA_32-33cm	<250	18400	24900	891	12100	45700	8280	7280	296	598	13.3	63.7	11.0	27.3	9.59
R961MC024KA_34-35cm	<250	18100	24500	869	11900	46500	8410	7230	294	605	13.3	63.5	10.6	28.1	9.60

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Prøve ID	V [mg/kg]	Mo [mg/kg]	Cd [mg/kg]	Cr [mg/kg]	Ba [mg/kg]	Sr [mg/kg]	Zr [mg/kg]	B [mg/kg]	Be [mg/kg]	Li [mg/kg]	Sc [mg/kg]	Ce [mg/kg]	La [mg/kg]	Y [mg/kg]	As [mg/kg]
R949MC028KA 20-21cm	42.9	<1	0.12	29.2	58.1	227	10.0	40	0.57	23.3	4.36	41.1	19.2	10.4	3.8
R949MC028KA 22-23cm	43.5	<1	0.16	29.1	58.4	221	10.2	40	0.58	23.8	4.42	40.9	19.2	10.3	4.1
R949MC028KA 24-25cm	46.5	<1	0.15	31.1	62.6	222	11.2	42	0.63	25.4	4.74	42.8	20.3	10.9	3.9
R949MC028KA 26-27cm	55.6	<1	0.25	35.2	69.8	169	13.6	44	0.71	28.7	5.33	47.6	22.4	11.6	5.1
R949MC028KA 28-29cm	49.3	<1	0.14	32.4	63.8	171	12.7	42	0.66	26.7	4.89	44.7	20.9	10.9	5.3
R949MC028KA 30-31cm	50.2	<1	0.17	32.8	65.3	186	12.7	42	0.65	26.6	4.97	45.5	20.9	11.1	6.4
R949MC028KA 32-33cm	49.4	<1	0.11	33.0	64.6	190	12.8	43	0.68	27.1	5.00	44.5	21.1	11.1	7.0
R949MC028KA 34-35cm	48.4	<1	<0.1	32.9	64.9	176	12.8	43	0.67	27.1	4.94	45.3	21.1	11.0	6.1
Standard Hynne	52.7	<1	<0.1	47.6	66.3	65.8	16.6	24	0.39	24.4	4.46	44.8	20.8	10.2	6.0
MINN standard	32.7	<1	<0.1	20.1	52.1	4.3	7.7	<10	0.24	14.7	2.64	24.8	13.9	8.09	4.2
R961MC024KA_0-1cm	40.3	<1	<0.1	25.9	81.8	220	7.4	43	0.51	20.0	3.88	36.8	17.3	9.50	5.2
R961MC024KA_1-2cm	41.7	<1	<0.1	26.8	80.0	220	7.9	43	0.54	21.0	4.07	37.9	18.0	9.90	6.4
R961MC024KA_2-3cm	41.6	<1	<0.1	26.9	74.2	221	8.1	41	0.54	20.8	4.07	38.4	18.1	9.89	6.4
R961MC024KA_3-4cm	40.3	<1	<0.1	26.0	67.3	208	8.0	40	0.51	20.2	3.93	37.0	17.6	9.70	6.3
R961MC024KA_4-5cm	41.5	<1	<0.1	26.8	67.9	219	8.3	41	0.54	21.1	4.04	39.2	18.4	9.97	5.5
R961MC024KA_5-6cm	40.2	<1	<0.1	26.0	65.8	217	8.1	40	0.52	20.6	3.97	37.5	17.8	9.74	5.0
R961MC024KA_6-7cm	40.2	<1	<0.1	26.5	65.3	218	8.1	40	0.53	20.9	3.98	37.5	17.7	9.71	5.1
R961MC024KA_7-8cm	40.8	<1	<0.1	26.5	64.8	221	8.3	41	0.52	20.8	4.04	38.4	18.0	9.91	4.7
R961MC024KA_8-9cm	38.8	<1	<0.1	26.0	60.6	212	8.1	40	0.51	20.3	3.93	37.2	17.7	9.70	5.9
R961MC024KA_9-10cm	39.8	<1	<0.1	26.3	57.4	217	8.2	40	0.53	20.5	3.98	37.6	17.7	9.80	5.1
R961MC024KA_10-11cm	41.7	<1	<0.1	26.1	58.7	220	8.3	40	0.51	20.5	3.99	38.2	18.0	10.1	4.0
R961MC024KA_11-12cm	41.7	<1	<0.1	27.0	60.9	222	8.5	40	0.55	21.1	4.10	38.3	18.4	10.2	4.1
R961MC024KA_12-13cm	40.8	<1	<0.1	27.0	56.9	222	8.7	41	0.54	21.3	4.11	39.1	18.2	10.2	4.6
R961MC024KA_13-14cm	39.9	<1	<0.1	26.8	57.1	222	8.5	40	0.52	21.2	4.03	38.6	18.3	10.2	3.9
R961MC024KA_14-15cm	39.9	<1	<0.1	26.2	54.6	217	8.4	39	0.51	20.2	4.00	38.2	17.9	9.98	4.4
R961MC024KA_16-17cm	39.9	<1	<0.1	26.3	55.0	218	8.4	39	0.51	20.5	4.00	37.8	17.9	9.96	4.2
R961MC024KA_18-19cm	38.3	<1	<0.1	25.7	54.3	211	8.5	38	0.51	20.4	3.92	38.3	18.0	9.85	3.3
R961MC024KA_20-21cm	39.5	<1	<0.1	26.4	56.3	218	8.7	38	0.51	20.9	4.02	38.8	18.4	10.0	4.0
R961MC024KA_22-23cm	39.6	<1	<0.1	26.8	57.3	218	9.1	38	0.54	21.2	4.11	39.3	18.6	10.2	3.8
R961MC024KA_24-25cm	44.3	<1	0.16	29.0	59.4	185	11.0	38	0.57	23.0	4.37	41.8	19.3	10.3	5.3
R961MC024KA_26-27cm	48.2	<1	0.13	32.0	64.8	177	13.1	42	0.68	26.4	4.87	45.1	20.9	11.0	7.4
R961MC024KA_28-29cm	47.5	<1	0.11	32.2	64.5	171	13.3	42	0.67	26.6	4.86	44.7	20.6	10.8	8.6
R961MC024KA_30-31cm	47.7	<1	<0.1	32.5	62.6	154	13.8	42	0.68	26.9	4.91	44.2	20.7	10.9	7.2
R961MC024KA_32-33cm	49.7	<1	<0.1	34.1	65.5	157	14.7	44	0.70	28.6	5.13	46.4	21.3	11.1	7.9
R961MC024KA_34-35cm	49.2	<1	<0.1	33.8	66.9	161	14.2	44	0.72	28.4	5.06	46.1	21.3	11.0	7.5

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ICP-AES ANALYSER
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NORSK AKKREDITERING TEST 020

Prøve ID	Si [mg/kg]	Al [mg/kg]	Fe [mg/kg]	Ti [mg/kg]	Mg [mg/kg]	Ca [mg/kg]	Na [mg/kg]	K [mg/kg]	Mn [mg/kg]	P [mg/kg]	Cu [mg/kg]	Zn [mg/kg]	Pb [mg/kg]	Ni [mg/kg]	Co [mg/kg]
R961MC024KA_36-37cm	<250	19100	25100	856	12500	45900	8560	7460	304	615	13.4	67.5	10.7	30.0	10.2
R961MC024KA_38-39cm	<250	19000	25200	863	12500	44600	8310	7380	305	609	13.1	67.4	10.2	27.9	10.1
R1257GR681 0-1cm	284	10200	14900	609	7000	58600	13200	3550	655	565	10.6	37.6	15.9	19.4	5.40
Standard Hynne	<250	20000	27400	1270	14100	18500	6530	6810	358	618	16.0	93.7	11.5	33.5	9.65
MINN standard	323	17200	30200	2120	6220	967	<200	5630	232	393	8.1	60.2	11.6	16.8	9.10
R1261MC020KA 0-1cm	<250	16100	22700	729	11100	86900	27900	5680	1990	724	16.9	60.9	28.8	23.3	9.18
R1261MC020KA 1-2cm	<250	16800	23500	746	11100	86800	25700	5850	2840	749	18.2	65.0	30.7	27.1	10.3
R1261MC020KA 2-3cm	<250	16600	23600	777	11000	88300	24700	5740	2580	822	17.8	63.4	29.9	24.5	11.6
R1261MC020KA 3-4cm	<250	16000	24100	756	10600	88600	24000	5660	1330	926	17.6	61.6	29.3	24.2	9.42
R1261MC020KA 4-5cm	<250	15600	22800	754	10200	90700	22000	5630	680	809	17.0	59.6	27.9	24.3	7.83
R1261MC020KA 5-6cm	<250	16700	23000	793	10600	93900	22000	6090	445	744	17.9	63.4	29.1	23.7	7.91
R1261MC020KA 6-7cm	<250	17300	23400	797	11000	96400	22000	6390	411	716	18.5	65.4	32.1	26.1	8.12
R1261MC020KA 7-8cm	<250	16400	22400	736	10300	89300	21000	6020	380	712	17.6	63.6	32.2	23.4	7.89
R1261MC020KA 8-9cm	<250	17600	23300	766	10800	94200	20600	6450	366	664	18.6	68.0	35.7	25.3	8.16
R1261MC020KA 9-10cm	<250	17800	23700	789	10900	94600	21200	6490	371	702	18.9	69.6	38.1	26.2	8.37
R1261MC020KA 10-11cm	<250	17900	24200	830	10900	94600	22100	6510	355	732	19.4	68.4	36.7	25.2	8.24
R1261MC020KA 11-12cm	<250	17300	23200	850	10500	96200	20700	6170	350	697	18.8	65.4	34.3	24.8	7.73
R1261MC020KA 12-13cm	<250	17900	23800	903	10600	99200	20600	6310	349	729	20.0	67.9	34.3	26.4	7.87
R1261MC020KA13-14cm	<250	18200	23100	912	10800	101000	20100	6470	356	644	19.7	67.2	34.2	26.4	8.03
R1261MC020KA 14-15cm	<250	18100	23000	916	10600	102000	20400	6420	338	632	20.0	67.3	32.6	27.4	7.95
R1261MC020KA 15-16cm	<250	18600	23100	954	10700	102000	19800	6460	325	632	20.5	67.2	31.7	27.1	7.80
R1261MC020KA 16-17cm	<250	18400	23100	951	10500	102000	19000	6270	321	638	20.5	68.4	31.5	26.7	8.14
R1261MC020KA 17-18cm	<250	18100	23000	919	10600	100000	20800	6400	337	635	19.6	66.3	31.0	24.3	7.86
R1261MC020KA 18-19cm	254	18200	23000	920	10700	100000	20800	6480	324	634	19.5	66.0	31.0	26.6	7.83
R1261MC020KA 19-20cm	<250	17400	22200	882	10500	99800	21300	6180	315	664	18.9	63.3	28.7	25.0	7.73
R1261MC020KA 20-21cm	<250	16800	21300	842	9960	100000	19100	5950	303	596	18.1	60.1	26.9	25.6	7.43
R1261MC020KA 21-22cm	<250	16200	20500	801	9490	97800	18200	5750	288	579	17.7	57.8	25.1	23.8	7.39
R1261MC020KA 22-23cm	<250	16900	20900	823	9780	97400	18000	5970	298	583	17.8	58.4	24.2	24.7	7.42
R1261MC020KA 23-24cm	<250	16700	21300	827	9910	99100	19500	6000	308	599	17.9	59.6	25.0	25.7	7.43
R1261MC020KA 24-25cm	<250	17100	21600	814	10100	101000	19600	6140	309	589	17.8	59.0	25.2	24.5	7.48
R1261MC020KA 25-26cm	<250	16600	21000	771	9920	99900	19300	6040	312	579	17.3	57.6	23.7	25.0	7.54
R1261MC020KA 26-27cm	<250	17400	21900	777	10400	103000	18900	6360	353	604	17.6	60.3	24.4	25.3	7.96
R1261MC020KA 27-28cm	<250	17300	21900	742	10500	97200	20300	6430	336	588	17.6	59.7	23.4	24.4	7.98
R1261MC020KA 28-29cm	<250	18800	23400	754	10900	96300	21100	7000	335	600	18.9	63.1	24.3	27.7	8.50
R1261MC020KA 29-30cm	<250	18100	22600	707	10700	90100	21500	6750	321	589	17.8	61.3	23.0	26.8	8.23

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Prøve ID	V [mg/kg]	Mo [mg/kg]	Cd [mg/kg]	Cr [mg/kg]	Ba [mg/kg]	Sr [mg/kg]	Zr [mg/kg]	B [mg/kg]	Be [mg/kg]	Li [mg/kg]	Sc [mg/kg]	Ce [mg/kg]	La [mg/kg]	Y [mg/kg]	As [mg/kg]
R961MC024KA_36-37cm	52.3	<1	0.11	35.3	68.8	164	14.7	45	0.72	31.6	5.36	48.3	23.1	11.8	6.5
R961MC024KA_38-39cm	51.5	<1	0.12	35.1	67.4	157	14.7	44	0.71	31.4	5.30	47.6	23.0	11.6	7.6
R1257GR681 0-1cm	37.8	<1	0.10	15.7	121	257	7.0	35	0.37	13.4	2.82	22.5	11.3	7.16	7.0
Standard Hynne	56.3	<1	<0.1	50.0	71.7	72.0	17.4	25	0.39	27.2	4.76	47.4	22.7	11.1	5.2
MINN standard	33.8	<1	<0.1	20.6	54.8	4.6	7.6	<10	0.26	16.1	2.73	29.3	15.4	8.55	3.4
R1261MC020KA 0-1cm	59.7	<1	0.15	25.1	198	406	9.1	62	0.57	24.2	4.17	30.1	14.9	9.73	11.0
R1261MC020KA 1-2cm	62.0	1.3	0.14	26.1	210	410	9.4	64	0.60	25.4	4.35	30.3	15.4	10.1	12.7
R1261MC020KA 2-3cm	60.9	<1	0.12	25.5	210	409	9.6	63	0.59	24.3	4.31	30.0	15.1	10.1	13.7
R1261MC020KA 3-4cm	59.6	<1	0.13	24.4	198	410	9.6	63	0.56	23.1	4.18	29.4	14.9	9.84	17.4
R1261MC020KA 4-5cm	58.3	<1	0.14	23.7	192	409	9.8	61	0.55	22.7	4.12	29.5	14.6	9.77	13.2
R1261MC020KA 5-6cm	60.7	<1	0.16	25.1	203	430	10.4	63	0.59	24.7	4.34	30.5	15.5	10.2	10.0
R1261MC020KA 6-7cm	62.2	<1	0.16	25.7	212	445	10.6	65	0.61	25.9	4.44	31.4	15.7	10.3	9.5
R1261MC020KA 7-8cm	60.2	<1	0.12	25.0	202	407	10.0	62	0.60	24.9	4.24	30.6	15.3	9.96	10.7
R1261MC020KA 8-9cm	63.4	<1	0.15	26.6	218	428	10.6	64	0.62	26.8	4.51	32.2	16.2	10.5	9.1
R1261MC020KA 9-10cm	64.6	<1	0.14	27.1	212	435	10.8	65	0.64	27.2	4.59	32.2	16.1	10.6	9.3
R1261MC020KA 10-11cm	65.0	<1	0.13	26.4	209	447	10.9	65	0.62	26.9	4.59	31.6	15.9	10.6	10.8
R1261MC020KA 11-12cm	61.9	<1	0.15	25.3	193	445	10.9	61	0.59	25.6	4.45	30.5	15.2	10.3	9.4
R1261MC020KA 12-13cm	65.6	<1	0.17	26.0	190	471	11.5	63	0.62	26.4	4.66	31.0	16.0	10.7	8.8
R1261MC020KA13-14cm	64.2	<1	0.17	26.2	184	481	11.6	63	0.62	26.8	4.66	31.7	15.9	10.7	7.2
R1261MC020KA 14-15cm	65.1	<1	0.21	26.0	180	485	11.7	62	0.63	26.8	4.70	31.6	16.1	10.8	7.2
R1261MC020KA 15-16cm	67.0	<1	0.22	26.0	182	489	12.0	62	0.63	27.2	4.75	32.0	16.1	10.9	6.6
R1261MC020KA 16-17cm	65.2	<1	0.19	26.5	181	489	12.0	62	0.65	27.0	4.77	31.5	16.0	10.9	6.4
R1261MC020KA 17-18cm	63.1	<1	0.17	26.1	182	481	11.7	63	0.62	26.6	4.68	31.0	15.8	10.7	6.6
R1261MC020KA 18-19cm	63.8	<1	0.15	26.0	180	480	11.6	63	0.62	27.0	4.67	31.3	16.0	10.7	6.1
R1261MC020KA 19-20cm	60.7	<1	0.15	25.0	169	479	11.0	61	0.60	25.7	4.48	29.8	15.3	10.3	7.2
R1261MC020KA 20-21cm	60.1	<1	0.19	24.3	162	472	10.7	58	0.57	24.9	4.33	28.9	14.8	10.0	5.8
R1261MC020KA 21-22cm	58.7	<1	0.19	23.6	154	455	10.5	56	0.56	24.3	4.23	29.3	14.9	9.97	5.4
R1261MC020KA 22-23cm	60.8	<1	0.21	24.4	152	453	10.7	57	0.57	25.3	4.34	29.8	15.2	10.1	5.5
R1261MC020KA 23-24cm	59.7	<1	0.19	24.3	152	465	10.8	58	0.58	25.2	4.36	30.1	15.3	10.2	5.5
R1261MC020KA 24-25cm	59.2	<1	0.17	24.9	146	468	10.7	59	0.61	25.7	4.38	30.8	15.5	10.3	5.7
R1261MC020KA 25-26cm	57.8	<1	0.19	24.3	142	464	10.4	58	0.60	25.6	4.28	29.8	15.1	10.0	5.6
R1261MC020KA 26-27cm	58.5	<1	0.18	25.9	145	482	10.7	61	0.61	26.9	4.44	31.1	15.6	10.3	5.6
R1261MC020KA 27-28cm	59.6	<1	0.18	25.9	143	455	10.5	61	0.63	27.4	4.43	31.0	15.7	10.2	6.0
R1261MC020KA 28-29cm	64.4	<1	0.20	28.1	148	453	10.9	64	0.67	29.4	4.73	33.4	16.7	10.8	6.7
R1261MC020KA 29-30cm	63.2	<1	0.18	27.7	142	418	10.6	64	0.67	28.8	4.61	33.3	16.8	10.6	6.5

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R1261MC020KA 30-31cm	<250	18800	23200	762	10900	93500	21700	6990	323	601	18.7	62.6	22.8	27.3	8.37
R1261MC020KA 31-32cm	<250	19200	23500	754	11100	94600	23100	7180	326	597	18.3	62.3	22.0	28.1	8.47
R1261MC020KA 32-33cm	<250	19000	23200	731	11000	93100	22100	7120	327	601	18.3	62.3	22.7	29.8	8.49
R1261MC020KA 33-34cm	<250	18800	23100	728	10900	91800	21600	7060	324	582	17.7	60.1	21.3	27.8	8.21
R1261MC020KA 34-35cm	<250	18400	22900	730	10700	92200	21500	6980	317	580	17.6	59.3	21.0	27.5	8.04
R1261MC020KA 35-36cm	<250	18000	22400	736	10600	93900	21200	6770	319	585	17.6	58.0	19.2	26.2	8.03
R1261MC020KA 36-37cm	<250	17500	21800	736	10200	92100	20700	6550	319	573	16.8	55.6	17.3	26.2	7.92
R1261MC020KA 37-38cm	<250	17200	21600	731	10100	92400	20700	6440	318	561	16.5	54.0	17.5	25.7	7.71
R1261MC020KA 38-39cm	<250	16900	21800	747	10100	93000	20800	6380	319	562	16.5	53.7	16.8	25.7	7.71
R1261MC020KA 39-40cm	<250	17200	21500	734	10100	93900	20400	6480	311	563	17.0	53.0	17.1	25.7	7.63
R1261MC020KA 40-41cm	<250	18500	22800	756	10600	97300	21100	6970	326	577	17.2	56.2	18.8	26.8	7.83
R1261MC020KA 41-42cm	<250	17200	21400	706	10200	95300	19100	6470	317	560	16.4	53.6	17.4	26.3	7.59
Standard Hynne	<250	20100	26600	1260	13700	19000	6840	7110	359	592	15.7	73.2	10.4	34.0	9.43
MINN standard	<250	17100	29100	2110	5950	941	207	5760	210	363	7.8	57.4	9.5	15.7	8.58
R1271MC021KA 0-1cm	<250	16300	23300	1050	10800	88000	31400	5700	2740	770	18.8	55.2	23.3	24.1	11.0
R1271MC021KA 1-2cm	<250	16600	25500	1090	11100	92400	27400	5590	2710	915	20.0	60.6	24.8	24.6	11.5
R1271MC021KA 2-3cm	<250	16600	24700	1080	10700	94400	24400	5720	1120	887	20.2	61.4	25.6	24.2	8.76
R1271MC021KA 3-4cm	<250	16700	24200	1090	10600	95800	22800	5760	811	838	20.3	61.9	25.4	24.8	8.37
R1271MC021KA 4-5cm	<250	15800	22600	1040	9930	93500	19900	5510	629	770	19.7	59.0	24.4	23.7	7.64
R1271MC021KA 5-6cm	<250	16800	23000	1110	10300	99300	20900	5900	579	702	20.6	61.2	25.2	23.5	7.78
R1271MC021KA 6-7cm	<250	16200	21700	1080	9390	97300	15400	5560	554	673	19.8	58.8	25.0	23.8	7.42
R1271MC021KA 7-8cm	<250	16100	20900	1090	9490	97600	17300	5530	339	638	20.1	59.4	25.5	22.9	6.81
R1271MC021KA 8-9cm	<250	16300	20400	1090	9390	97300	16900	5590	457	620	20.9	58.0	23.5	23.5	6.88
R1271MC021KA 9-10cm	<250	15800	20800	1050	9340	97500	16900	5460	390	626	19.5	55.3	20.3	22.4	6.76
R1271MC021KA 10-11cm	<250	17300	21800	1090	9760	102000	15600	5970	313	609	21.1	60.4	21.5	26.2	7.70
R1271MC021KA 11-12cm	<250	16000	20200	1000	9490	95800	17100	5600	394	585	19.7	54.8	17.1	24.7	7.67
R1271MC021KA 12-13cm	<250	15900	20200	993	9390	94400	16600	5560	400	591	19.0	53.0	14.9	24.5	7.61
R1271MC021KA13-14cm	<250	16100	21300	1000	9540	94500	17000	5700	468	659	19.0	53.9	14.5	24.3	7.83
R1271MC021KA 14-15cm	<250	15800	20200	993	9430	94800	17000	5570	307	593	18.5	52.3	13.5	25.7	7.99
R1271MC021KA 16-17cm	<250	15600	20300	998	9260	92900	16500	5490	286	555	18.0	50.2	10.5	25.2	7.71
R1271MC021KA 18-19cm	<250	17000	21800	1030	9990	97400	17100	6030	295	568	19.1	54.2	10.4	24.8	7.88
R1271MC021KA 20-21cm	<250	16600	21300	1000	9860	93300	17400	5950	253	543	18.4	52.4	9.5	25.1	7.33
R1271MC021KA 22-23cm	<250	16700	21400	997	9880	97400	16900	5950	252	559	18.8	52.9	9.1	25.7	7.99
R1271MC021KA 24-25cm	<250	16700	21400	1020	9820	97500	17400	5960	255	542	19.0	52.9	8.9	25.4	7.81
R1271MC021KA 26-27cm	<250	16100	21600	1020	9680	98100	17600	5730	249	549	18.3	50.3	7.7	27.3	8.21

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ICP-AES ANALYSER
GEOLOGISK MATERIALE
ANALYSEKONTRAKTNR. 2014.0017

NORSK AKKREDITERING TEST 020

Prøve ID	V [mg/kg]	Mo [mg/kg]	Cd [mg/kg]	Cr [mg/kg]	Ba [mg/kg]	Sr [mg/kg]	Zr [mg/kg]	B [mg/kg]	Be [mg/kg]	Li [mg/kg]	Sc [mg/kg]	Ce [mg/kg]	La [mg/kg]	Y [mg/kg]	As [mg/kg]
R1261MC020KA 30-31cm	63.4	<1	0.20	28.2	151	448	11.1	66	0.68	29.6	4.75	33.5	16.8	10.8	8.1
R1261MC020KA 31-32cm	63.4	<1	0.19	28.5	149	450	11.0	66	0.69	30.5	4.80	33.5	16.9	10.8	6.8
R1261MC020KA 32-33cm	64.4	<1	0.21	28.6	147	442	11.0	66	0.69	30.4	4.78	34.0	17.0	10.8	7.4
R1261MC020KA 33-34cm	64.1	<1	0.21	28.2	145	430	10.9	65	0.68	30.0	4.73	33.2	16.7	10.6	7.3
R1261MC020KA 34-35cm	62.9	<1	0.21	27.6	149	434	10.8	64	0.68	29.7	4.64	33.1	16.6	10.5	6.7
R1261MC020KA 35-36cm	61.8	<1	0.22	27.2	148	434	10.7	62	0.65	28.4	4.59	32.4	16.2	10.4	6.7
R1261MC020KA 36-37cm	59.2	<1	0.21	26.2	147	429	10.5	61	0.63	27.5	4.43	31.6	15.6	10.2	8.0
R1261MC020KA 37-38cm	58.3	<1	0.19	25.5	144	426	10.4	60	0.62	26.9	4.36	31.0	15.5	10.0	8.1
R1261MC020KA 38-39cm	58.1	<1	0.19	25.1	150	435	10.4	60	0.60	26.5	4.33	30.3	15.2	10.0	6.8
R1261MC020KA 39-40cm	58.7	<1	0.22	25.4	146	439	10.2	59	0.61	27.2	4.34	30.9	15.3	10.0	7.4
R1261MC020KA 40-41cm	60.5	<1	0.20	27.0	147	456	10.6	63	0.65	29.2	4.59	31.9	16.0	10.3	7.8
R1261MC020KA 41-42cm	58.3	<1	0.22	25.5	140	453	10.3	60	0.61	27.5	4.38	31.1	15.7	10.0	7.6
Standard Hynne	55.6	<1	<0.1	49.1	70.6	77.9	17.5	26	0.41	28.8	4.69	46.6	22.6	11.0	5.6
MINN standard	33.6	<1	<0.1	20.0	53.8	4.8	7.6	<10	0.25	16.6	2.69	26.4	15.1	8.42	3.2
R1271MC021KA 0-1cm	60.6	1.1	0.12	21.9	206	457	10.6	58	0.50	23.2	4.28	26.6	13.6	9.68	12.9
R1271MC021KA 1-2cm	62.5	1.0	0.13	23.3	222	461	11.2	62	0.51	22.3	4.53	28.4	13.9	9.91	16.6
R1271MC021KA 2-3cm	62.9	<1	0.14	23.4	223	464	11.5	64	0.53	22.1	4.55	28.4	13.8	9.86	14.2
R1271MC021KA 3-4cm	63.7	<1	0.14	23.5	225	473	11.8	63	0.53	22.2	4.60	28.8	14.0	10.1	13.1
R1271MC021KA 4-5cm	60.9	<1	0.16	22.4	209	449	11.6	60	0.50	21.4	4.43	28.0	13.7	9.84	11.5
R1271MC021KA 5-6cm	62.6	<1	0.14	23.1	217	481	12.1	60	0.53	23.2	4.58	28.5	13.8	9.99	9.0
R1271MC021KA 6-7cm	61.0	<1	0.17	22.1	209	468	11.8	57	0.50	22.9	4.40	28.0	13.5	9.72	8.3
R1271MC021KA 7-8cm	61.4	<1	0.17	22.2	204	467	11.8	56	0.51	21.9	4.43	28.3	13.7	9.80	7.4
R1271MC021KA 8-9cm	63.2	<1	0.22	21.9	196	473	11.9	55	0.50	22.6	4.45	28.1	13.8	9.79	6.9
R1271MC021KA 9-10cm	61.1	<1	0.24	21.7	185	465	11.5	54	0.51	21.9	4.32	27.6	13.3	9.53	7.7
R1271MC021KA 10-11cm	65.6	<1	0.25	24.1	200	494	12.4	59	0.58	24.6	4.73	30.4	14.6	10.2	6.8
R1271MC021KA 11-12cm	61.4	<1	0.27	22.5	184	454	11.4	56	0.53	22.8	4.37	28.5	13.6	9.65	6.2
R1271MC021KA 12-13cm	61.1	<1	0.28	22.3	181	448	11.3	54	0.52	22.7	4.33	28.1	13.2	9.57	7.1
R1271MC021KA13-14cm	61.1	<1	0.27	22.7	187	450	11.4	56	0.54	23.1	4.39	28.4	13.7	9.59	8.4
R1271MC021KA 14-15cm	60.6	<1	0.25	22.5	188	443	11.4	55	0.52	22.5	4.35	29.1	13.8	9.56	7.1
R1271MC021KA 16-17cm	58.8	<1	0.27	21.6	189	434	11.5	52	0.50	22.2	4.29	27.2	13.2	9.47	8.3
R1271MC021KA 18-19cm	63.1	<1	0.30	23.6	199	453	12.0	57	0.55	24.4	4.56	29.4	14.1	9.90	7.8
R1271MC021KA 20-21cm	60.5	<1	0.25	23.0	198	433	11.8	56	0.55	24.0	4.48	29.1	13.9	9.75	7.4
R1271MC021KA 22-23cm	61.6	<1	0.32	23.2	200	445	11.9	55	0.54	23.9	4.51	29.1	14.2	9.78	7.9
R1271MC021KA 24-25cm	62.1	<1	0.30	23.2	205	448	11.9	55	0.55	23.5	4.52	29.0	13.9	9.80	8.4
R1271MC021KA 26-27cm	59.6	<1	0.27	22.1	212	448	11.9	52	0.53	22.7	4.38	28.1	13.4	9.54	9.9

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NORSK AKKREDITERING TEST 020

Prøve ID	Si [mg/kg]	Al [mg/kg]	Fe [mg/kg]	Ti [mg/kg]	Mg [mg/kg]	Ca [mg/kg]	Na [mg/kg]	K [mg/kg]	Mn [mg/kg]	P [mg/kg]	Cu [mg/kg]	Zn [mg/kg]	Pb [mg/kg]	Ni [mg/kg]	Co [mg/kg]
R1271MC021KA 28-29cm	<250	15800	20800	1020	9510	96900	17600	5630	248	539	17.7	49.4	7.9	23.6	7.70
R1271MC021KA 30-31cm	<250	16800	22000	1050	9970	99600	18400	6020	261	551	18.6	52.8	9.1	25.9	8.19
R1271MC021KA 32-33cm	<250	16500	21200	1040	9870	97700	18200	5900	255	539	18.6	51.2	8.9	25.8	8.00
R1284MC027KA 0-1cm	<250	8760	12400	523	6290	46600	9650	3570	312	638	6.2	32.9	11.3	12.9	4.39

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Prøve ID	V [mg/kg]	Mo [mg/kg]	Cd [mg/kg]	Cr [mg/kg]	Ba [mg/kg]	Sr [mg/kg]	Zr [mg/kg]	B [mg/kg]	Be [mg/kg]	Li [mg/kg]	Sc [mg/kg]	Ce [mg/kg]	La [mg/kg]	Y [mg/kg]	As [mg/kg]
R1271MC021KA 28-29cm	58.7	<1	0.27	21.7	210	440	11.8	52	0.51	22.4	4.31	27.5	13.2	9.46	9.0
R1271MC021KA 30-31cm	61.6	1.0	0.29	23.2	224	462	12.3	55	0.53	23.6	4.54	28.7	13.6	9.77	9.7
R1271MC021KA 32-33cm	61.1	<1	0.26	22.5	224	455	12.1	54	0.55	23.2	4.45	28.2	13.5	9.64	8.6
R1284MC027KA 0-1cm	26.1	<1	<0.1	17.6	52.1	169	5.4	27	0.32	12.5	2.68	29.2	13.7	7.39	3.9

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INSTRUMENT: **Thermo Fisher Scientific "ELEMENT XR"**

METODE: Metodeoppsettet er beskrevet i NGU-SD 2.20: ICP-MS -analyse av ekstrakter

Metoden anvendes på analyseløsninger fremstilt ved ekstraksjon med 7 N HNO_3 i autoklav i samsvar med Norsk Standard - NS 4770
Analysen er således basert på partiell syreekstraksjon i 7N HNO_3 og de rapporterte analyseverdier representerer derfor ikke totalverdier i prøven

NEDRE BESTEMMELSESGRENSER (LLQ) OG USIKKERHETER VED ANALYSER BASERT PÅ EKSTRAKSJON (1 g prøve i 1000 ml analysevolum)

(1 µg/g = 1 ppm) (For analyser med høyere tynningsfaktor enn 1000, blir LLQ automatisk omregnet).

	As*	Cd*	Cr	Cu	Ni	Pb*	Se*	V	Zn
	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
LLQ:	**0.03**	**0.02**	**0.15**	**0.2**	**1**	**0.1**	**1**	**0.05**	**1**
Usikkerhet LLQ – 5*LLQ	50 %	37.5 %	50 %	50 %	50 %	50 %	50 %	50 %	50 %
Usikkerhet > 5*LLQ	20 %	15 %	20 %	20 %	20 %	20 %	20 %	20 %	20 %
INFO: 5*LLQ =	0.15	0.1	0.75	1	5	0.5	5	0.25	5

Oppgitte usikkerheter har dekningsfaktor 2 (2 standardavvik), noe som tilsvarer et konfidensintervall på 95 %

*) Akkreditering omfatter kun elementene Cd, Pb, As og Se

PRESISJON: **Det analyseres rutinemessig kontrollprøver som føres i kontrolldiagram (X-diagram). Disse kan forevises om ønskelig.**

ANTALL PRØVER: 424

ANMERKNINGER: Prøvene er analysert i sekvens 20140017-ekstrakter-MAR-A (30. april 2014), 20140017-ekstrakter-MAR-B (5. mai 2014) og 20140017-ekstrakter-MAR-C (7. mai 2014). Det rapporteres kun data for As, Cd, Pb og Se som avtalt med kunden.

Gjengivelse av analysedata skal skje på en slik måte at meningsinnholdet i rapporten ikke endres.

Ferdig analysert:	07.05.2014	Øyvind Skår
	Dato	OPERATØR

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ICP-MS-analyse av ekstrakter
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017

NORSK AKKREDITERING TEST 020

Prøve id.	NGU prøvenr	Cd µg/g	Pb µg/g	As µg/g	Se µg/g
Standard Hynne		0.07	14.5	3.87	<1
MINN standard		<0.02	14.9	1.75	<1
R1080BC010KA 0-1cm	79401	0.07	14.4	2.93	<1
R1093MC001KA 0-1cm	79430	0.09	22.6	5.48	<1
Standard Hynne		0.07	14.1	3.64	<1
R1093MC001KA 1-2cm	79431	0.08	22.2	5.07	<1
R1093MC001KA 2-3cm	79432	0.07	22.4	4.94	<1
R1093MC001KA 3-4cm	79433	0.06	18.7	4.95	<1
R1093MC001KA 4-5cm	79434	0.04	11.2	3.38	<1
R1093MC001KA 5-6cm	79435	0.04	11.6	4.11	<1
R1093MC001KA 6-7cm	79436	0.05	13.3	3.75	<1
R1093MC001KA 7-8cm	79437	0.08	12.0	2.00	1.1
R1093MC001KA 8-9cm	79438	0.210	9.69	1.82	<1
R1093MC001KA 9-10cm	79439	0.228	8.50	1.79	<1
R1093MC001KA 10-11cm	79440	0.20	8.68	1.86	<1
R1093MC001KA 11-12cm	79441	0.17	8.03	1.71	<1
R1093MC001KA 12-13cm	79442	0.277	8.79	1.76	<1
R1093MC001KA 13-14cm	79443	0.236	8.59	1.74	<1
R1093MC001KA 14-15cm	79444	0.14	8.91	1.75	<1
R1093MC001KA 16-17cm	79446	0.10	9.09	1.80	<1
R1093MC001KA 18-19cm	79448	0.07	7.74	1.92	<1
R1093MC001KA 20-21cm	79450	0.09	8.22	2.00	<1
R1093MC001KA 22-23cm	79452	0.07	7.96	1.99	<1
R1093MC001KA 24-25cm	79454	0.07	7.46	2.10	<1
R1093MC001KA 26-27cm	79456	0.14	11.5	3.08	<1
R1093MC001KA 28-29cm	79458	0.10	12.0	2.86	<1
R1093MC001KA 30-31cm	79460	0.235	13.8	3.86	<1
R1093MC001KA 32-33cm	79462	0.14	15.3	4.32	<1
R1093MC001KA 34-35cm	79464	0.20	17.9	5.76	<1
R1093MC001KA 36-37cm	79466	0.10	15.5	4.67	<1
R1093MC001KA 38-39cm	79468	0.13	12.7	3.55	<1
R1093MC001KA 40-41cm	79470	0.13	15.7	4.50	<1
Standard Hynne		0.06	14.9	3.80	<1
MINN standard		<0.02	14.1	1.72	<1
R1096MC002KA 0-1cm	79504	0.05	7.15	1.81	<1
R1114MC003kA 0-1cm	79557	0.08	13.7	4.63	<1
R1114MC003kA 1-2cm	79558	0.08	15.7	5.71	<1

*) Akkreditering omfatter kun elementene Cd, Pb, As og Se

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GEOLOGISK MATERIALE
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R1114MC003kA 2-3cm	79559	0.07	15.5	5.67	<1
R1114MC003kA 3-4cm	79560	0.07	13.0	5.64	<1
R1114MC003kA 4-5cm	79561	0.06	12.8	6.09	<1
R1114MC003kA 5-6cm	79562	0.05	11.0	4.61	<1
R1114MC003kA 6-7cm	79563	0.05	9.51	4.14	<1
R1114MC003kA 7-8cm	79564	0.06	8.54	2.73	<1
R1114MC003kA 8-9cm	79565	0.05	7.17	2.24	<1
R1114MC003kA 9-10cm	79566	0.05	6.34	2.16	<1
R1114MC003kA 10-11cm	79567	0.13	6.06	2.02	<1
R1114MC003kA 11-12cm	79568	0.14	6.15	2.04	<1
R1114MC003kA 12-13cm	79569	0.14	6.54	3.12	<1
R1114MC003kA 13-14cm	79570	0.13	6.48	2.51	<1
R1114MC003kA14-15cm	79571	0.10	6.10	2.03	<1
R1114MC003kA16-17cm	79573	0.09	6.28	1.99	<1
R1114MC003kA 18-19cm	79575	0.04	6.22	1.91	<1
R1114MC003kA 20-21cm	79577	0.11	6.86	1.99	<1
R1114MC003kA22-23cm	79579	0.14	8.01	2.71	<1
R1119MC004KA 0-1cm	79612	0.05	8.45	2.00	<1
R1129MC005KA 0-1cm	79700	0.05	10.1	2.44	<1
R1133MC006KA 0-1cm	79778	0.08	16.7	5.56	<1
R0932BX029K1 0-1cm	79917	0.12	32.0	11.7	<1
Standard Hynne		0.07	11.7	3.89	<1
MINN standard		<0.02	12.5	1.66	<1
R0942BX026K1 0-1cm	79882	0.10	30.7	10.7	<1
R0942BX026K1 1-2cm	79883	0.10	33.7	11.3	1.0
R0942BX026K1 2-3cm	79884	0.17	33.0	8.40	1.1
R0942BX026K1 3-4cm	79885	0.253	31.7	5.35	1.2
R0942BX026K1 4-5cm	79886	0.300	28.4	4.68	1.2
R0942BX026K1 5-6cm	79887	0.301	25.5	4.32	1.2
R0942BX026K1 6-7cm	79888	0.297	22.1	4.70	1.2
R0942BX026K1 7-8cm	79889	0.320	19.6	4.70	1.2
R0942BX026K1 8-9cm	79890	0.317	17.5	5.96	1.1
R0942BX026K1 9-10cm	79891	0.303	16.8	6.28	1.1
R0942BX026K1 10-11cm	79892	0.281	16.7	6.20	1.1
R0942BX026K1 11-12cm	79893	0.321	17.2	6.95	1.2
R0942BX026K1 12-13cm	79894	0.368	15.5	8.46	1.2
R0942BX026K1 13-14cm	79895	0.288	14.9	8.61	1.1

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ICP-MS-analyse av ekstrakter
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017

NORSK AKKREDITERING TEST 020

Prøve id.	NGU prøvenr	Cd µg/g	Pb µg/g	As µg/g	Se µg/g
R0942BX026K1 14-15cm	79896	0.268	14.7	7.74	1.1
R0942BX026K1 16-17cm	79898	0.302	14.1	7.02	1.1
R0942BX026K1 18-19cm	79900	0.356	13.2	6.51	1.1
R0942BX026K1 20-21cm	79902	0.335	13.1	7.76	1.2
R0942BX026K1 22-23cm	79904	0.427	12.4	7.09	1.2
R0942BX026K1 24-25cm	79906	0.364	11.5	6.19	1.0
R0973BX025K1 0-1cm	79852	0.08	19.5	6.75	<1
R1137MC009KA 0-1cm	79978	0.09	20.3	20.1	1.1
Standard Hynne		0.07	13.3	4.04	<1
MINN standard		<0.02	13.9	1.88	<1
R1139MC010KA 0-1cm	80042	0.07	18.9	14.8	<1
R1139MC010KA 1-2cm	80043	0.06	20.2	17.1	1.0
R1139MC010KA 2-3cm	80044	0.06	21.6	14.9	1.0
R1139MC010KA 3-4cm	80045	0.11	21.2	4.74	<1
R1139MC010KA 4-5cm	80046	0.09	22.3	4.30	<1
R1139MC010KA 5-6cm	80047	0.07	22.6	4.32	<1
R1139MC010KA 6-7cm	80048	0.09	23.2	4.69	<1
R1139MC010KA 7-8cm	80049	0.12	19.6	3.95	<1
R1139MC010KA 8-9cm	80050	0.251	14.1	4.86	<1
R1139MC010KA 9-10cm	80051	0.429	11.4	6.92	1.0
R1139MC010KA 10-11cm	80052	0.613	11.1	4.37	1.0
R1139MC010KA 11-12cm	80053	0.962	10.7	4.49	1.0
R1139MC010KA 12-13cm	80054	0.476	10.6	3.54	<1
R1139MC010KA 13-14cm	80055	0.351	10.5	4.66	<1
R1139MC010KA 14-15cm	80056	0.310	10.7	3.93	<1
R1139MC010KA 16-17cm	80058	0.383	10.8	4.19	<1
R1139MC010KA 18-19cm	80060	0.365	10.9	6.41	<1
R1139MC010KA 20-21cm	80062	0.354	10.7	7.77	<1
R1139MC010KA 22-23cm	80064	0.303	10.8	8.80	<1
R1139MC010KA 24-25cm	80066	0.261	10.6	11.0	<1
R1139MC010KA 26-27cm	80068	0.215	10.3	9.38	<1
R1139MC010KA 28-29cm	80070	0.201	10.4	10.0	<1
R1139MC010KA 30-31cm	80072	0.18	10.6	11.0	<1
Standard Hynne		0.07	13.6	4.08	<1
MINN standard		<0.02	13.9	1.70	<1
R1146MC011KA 0-1cm	80106	0.08	16.0	13.4	1.0
R1146MC011KA 1-2cm	80107	0.08	16.5	13.5	1.0

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R1146MC011KA 2-3cm	80108	0.08	17.0	14.5	<1
R1146MC011KA3-4cm	80109	0.10	16.4	11.6	1.0
R1146MC011KA 4-5cm	80110	0.12	17.8	8.96	1.0
R1146MC011KA 5-6cm	80111	0.12	19.1	8.39	1.0
R1146MC011KA 6-7cm	80112	0.13	20.9	6.42	1.0
R1146MC011KA 7-8cm	80113	0.11	21.2	5.49	1.0
R1146MC011KA 8-9cm	80114	0.13	21.6	5.00	1.0
R1146MC011KA 9-10cm	80115	0.14	19.5	4.83	1.0
R1146MC011KA 10-11cm	80116	0.264	16.2	4.26	1.0
R1146MC011KA 11-12cm	80117	0.331	15.2	4.75	1.1
R1146MC011KA12-13cm	80118	0.303	14.6	5.63	1.0
R1146MC011KA 13-14cm	80119	0.365	14.2	5.49	1.1
R1146MC011KA 14-15cm	80120	0.376	13.7	5.85	1.1
R1146MC011KA 16-17cm	80122	0.430	12.7	5.44	1.0
R1146MC011KA 18-19cm	80124	0.525	12.6	5.36	1.1
R1146MC011KA 20-21cm	80126	0.385	12.2	4.64	1.1
R1146MC011KA 22-23cm	80128	0.445	12.6	5.64	1.0
R1146MC011KA 24-25cm	80130	0.487	11.9	5.79	1.1
R1146MC011KA 26-27cm	80132	0.492	11.9	6.50	1.0
R1146MC011KA 28-29cm	80134	0.399	11.6	5.49	1.0
R1146MC011KA 30-31cm	80136	0.385	11.7	5.79	1.0
R1146MC011KA 32-33cm	80138	0.482	11.7	6.33	1.0
R1146MC011KA 34-35cm	80140	0.495	11.7	6.53	1.1
R1146MC011KA 36-37cm	80142	0.473	12.1	8.62	1.1
R1146MC011KA 38-39cm	80144	0.429	11.5	7.36	1.2
Standard Hynne		0.06	13.5	3.89	<1
MINN standard		<0.02	13.7	1.64	<1
R1165MC012KA 0-1cm	80186	0.06	15.1	10.1	1.1
R1165MC012KA 1-2cm	80187	0.05	15.1	13.7	1.1
R1165MC012KA 2-3cm	80188	0.13	14.9	9.23	1.1
R1165MC012KA3-4cm	80189	0.15	16.9	5.65	<1
R1165MC012KA 4-5cm	80190	0.17	17.7	5.63	<1
R1165MC012KA 5-6cm	80191	0.17	19.4	6.16	<1
R1165MC012KA 6-7cm	80192	0.11	18.3	5.58	<1
R1165MC012KA 7-8cm	80193	0.11	18.9	5.51	<1
R1165MC012KA 8-9cm	80194	0.12	19.7	5.61	<1
R1165MC012KA 9-10cm	80195	0.10	19.2	5.22	<1

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R1165MC012KA 10-11cm	80196	0.11	18.6	5.06	<1
R1165MC012KA 11-12cm	80197	0.11	18.2	4.98	<1
R1165MC012KA12-13cm	80198	0.08	17.7	4.98	<1
R1165MC012KA 13-14cm	80199	0.08	17.2	4.89	<1
R1165MC012KA 14-15cm	80200	0.08	17.5	5.03	<1
R1165MC012KA 16-17cm	80202	0.12	20.2	5.12	1.0
R1165MC012KA 18-19cm	80204	0.09	17.2	6.32	<1
R1165MC012KA 20-21cm	80206	0.236	12.7	9.19	1.1
R1165MC012KA 22-23cm	80208	0.238	10.6	8.87	1.0
R1165MC012KA 24-25cm	80210	0.235	10.7	9.15	1.0
R1165MC012KA 26-27cm	80212	0.222	10.7	7.72	1.0
R1165MC012KA 28-29cm	80214	0.213	10.3	9.94	1.0
R1165MC012KA 30-31cm	80216	0.205	10.2	9.16	<1
R1165MC012KA 32-33cm	80218	0.252	9.96	7.66	<1
R1165MC012KA 34-35cm	80220	0.280	8.97	6.03	<1
R1165MC012KA 36-37cm	80222	0.245	9.73	6.73	<1
R1165MC012KA 38-39cm	80224	0.262	9.63	7.73	<1
R1165MC012KA 40-41cm	80226	0.222	10.0	6.16	<1
R1165MC012KA 42-43cm	80228	0.273	9.43	6.05	<1
Standard Hynne		0.07	14.1	3.89	<1
MINN standard		<0.02	13.4	1.69	<1
R1174MC013KA 0-1cm	80269	0.04	16.7	9.04	<1
R1180MC014KA 0-1cm	80308	0.05	19.4	8.70	<1
R1186MC015KA 0-1cm	80371	0.05	18.5	7.31	<1
R1186MC015KA 1-2cm	80372	0.04	18.3	6.79	<1
R1186MC015KA 2-3cm	80373	0.03	18.5	8.12	<1
R1186MC015KA 3-4cm	80374	0.08	18.4	4.59	<1
R1186MC015KA 4-5cm	80375	0.08	17.0	3.45	<1
R1186MC015KA 5-6cm	80376	0.09	14.7	3.85	<1
R1186MC015KA 6-7cm	80377	0.16	12.8	4.61	<1
R1186MC015KA 7-8cm	80378	0.10	12.9	4.91	<1
R1186MC015KA 8-9cm	80379	0.12	12.4	5.08	<1
R1186MC015KA 9-10cm	80380	0.07	12.7	4.70	<1
R1186MC015KA 10-11cm	80381	0.20	11.4	5.55	<1
R1186MC015KA 11-12cm	80382	0.18	11.4	5.39	<1
R1186MC015KA12-13cm	80383	0.17	11.1	6.44	<1
R1186MC015KA 13-14cm	80384	0.14	10.9	6.88	<1

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R1186MC015KA 14-15cm	80385	0.16	10.5	7.51	<1
R1186MC015KA 16-17cm	80387	0.16	10.7	7.32	<1
R1186MC015KA 18-19cm	80389	0.16	10.8	8.19	<1
R1186MC015KA 20-21cm	80391	0.18	10.6	8.89	<1
R1186MC015KA 22-23cm	80393	0.13	10.7	6.93	<1
R1186MC015KA 24-25cm	80395	0.10	10.8	6.25	<1
R1186MC015KA 26-27cm	80397	0.10	10.6	4.94	<1
R1186MC015KA 28-29cm	80399	0.07	10.4	6.31	<1
R1186MC015KA 30-31cm	81100	0.09	10.1	5.60	<1
Standard Hynne		0.07	15.0	3.95	<1
MINN standard		<0.02	12.8	1.71	<1
R1200MC016KA 0-1cm	81064	0.08	8.25	8.05	<1
R1200MC016KA 1-2cm	81063	0.08	8.60	8.50	<1
R1200MC016KA 2-3cm	81062	0.07	8.52	8.25	<1
R1200MC016KA3-4cm	81061	0.08	8.57	7.91	<1
R1200MC016KA 4-5cm	81060	0.11	8.44	7.98	<1
R1200MC016KA 5-6cm	81059	0.08	8.49	8.07	<1
R1200MC016KA 6-7cm	81058	0.08	8.34	8.02	<1
R1200MC016KA 7-8cm	81057	0.10	8.25	8.09	<1
R1200MC016KA 8-9cm	81056	0.12	8.25	7.54	<1
R1200MC016KA 9-10cm	81055	0.11	8.35	7.09	<1
R1200MC016KA 10-11cm	81054	0.09	7.56	7.91	<1
R1200MC016KA 11-12cm	81053	0.10	7.73	7.49	<1
R1200MC016KA12-13cm	81052	0.09	7.11	6.99	<1
R1200MC016KA 13-14cm	81051	0.09	6.88	7.28	<1
R1200MC016KA 14-15cm	81050	0.10	6.86	6.34	<1
R1200MC016KA 16-17cm	81048	0.12	6.98	5.99	<1
R1200MC016KA 18-19cm	81046	0.13	6.35	5.91	<1
R1200MC016KA 20-21cm	81044	0.14	6.60	5.25	<1
R1200MC016KA 22-23cm	81042	0.11	8.03	2.68	<1
R1200MC016KA 24-25cm	81040	0.05	11.9	2.82	<1
R1200MC016KA 26-27cm	81038	0.04	13.0	5.42	<1
R1200MC016KA 28-29cm	81036	0.06	13.0	6.71	<1
Standard Hynne		0.06	12.3	3.88	<1
MINN standard		<0.02	13.2	1.64	<1
R1205MC017KA 0-1cm	81008	0.04	15.1	8.20	<1
R1205MC017KA 1-2cm	81007	0.04	14.7	7.05	<1

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Prøve id.	NGU prøvenr	Cd µg/g	Pb µg/g	As µg/g	Se µg/g
R1205MC017KA 2-3cm	81006	0.04	14.7	5.97	<1
R1205MC017KA 3-4cm	81005	0.04	15.0	4.56	<1
R1205MC017KA 4-5cm	81004	0.04	14.3	3.90	<1
R1205MC017KA 5-6cm	81003	0.04	14.3	3.40	<1
R1205MC017KA 6-7cm	81002	0.04	14.0	3.35	<1
R1205MC017KA 7-8cm	81001	0.04	13.4	2.76	<1
R1205MC017KA 8-9cm	81000	0.04	13.5	2.76	<1
R1205MC017KA 9-10cm	80999	0.04	12.6	2.71	<1
R1205MC017KA 10-11cm	80998	0.04	13.5	2.89	<1
R1205MC017KA 11-12cm	80997	0.04	13.4	2.99	<1
R1205MC017KA12-13cm	80996	0.05	13.7	3.24	<1
R1205MC017KA 13-14cm	80995	0.07	12.3	4.09	<1
R1205MC017KA 14-15cm	80994	0.07	11.0	4.57	<1
R1205MC017KA 16-17cm	80992	0.07	9.79	4.92	<1
R1205MC017KA 18-19cm	80990	0.09	8.11	3.92	<1
R1205MC017KA 20-21cm	80988	0.08	7.26	3.99	<1
R1205MC017KA 22-23cm	80986	0.07	7.50	4.44	<1
R1205MC017KA 24-25cm	80984	0.08	6.80	4.37	<1
R1205MC017KA 26-27cm	80982	0.12	6.53	4.37	<1
Standard Hynne		0.06	12.8	4.30	<1
MINN standard		<0.02	12.9	1.68	<1
R1213MC018KA 0-1cm	80927	0.06	16.6	5.65	1.0
R1213MC018KA 1-2cm	80926	0.04	17.2	6.37	<1
R1213MC018KA 2-3cm	80925	0.04	18.7	7.11	<1
R1213MC018KA 3-4cm	80924	0.05	19.3	3.82	<1
R1213MC018KA 4-5cm	80923	0.07	19.0	2.65	<1
R1213MC018KA 5-6cm	80922	0.06	19.9	2.69	<1
R1213MC018KA 6-7cm	80921	0.06	19.7	2.89	<1
R1213MC018KA 7-8cm	80920	0.05	19.8	3.06	<1
R1213MC018KA 8-9cm	80919	0.04	18.8	3.00	<1
R1213MC018KA 9-10cm	80918	0.05	19.3	3.03	<1
R1213MC018KA 10-11cm	80917	0.06	19.2	2.98	<1
R1213MC018KA 11-12cm	80916	0.05	18.6	3.01	<1
R1213MC018KA12-13cm	80915	0.06	19.1	3.18	<1
R1213MC018KA 13-14cm	80914	0.05	18.6	3.03	<1
R1213MC018KA 14-15cm	80913	0.07	17.4	3.10	<1
R1213MC018KA 16-17cm	80911	0.09	13.4	3.08	<1

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R1213MC018KA 18-19cm	80909	0.11	10.1	3.61	<1
R1213MC018KA 20-21cm	80907	0.14	7.41	4.24	<1
R1213MC018KA 22-23cm	80905	0.14	6.74	4.51	<1
R1213MC018KA 24-25cm	80903	0.11	6.39	4.19	<1
R1213MC018KA 26-27cm	80901	0.07	6.84	3.98	<1
R1213MC018KA 28-29cm	80899	0.13	7.56	4.51	<1
R1213MC018KA 30-31cm	80897	0.13	7.65	4.79	<1
R1213MC018KA 32-33cm	80895	0.11	7.78	4.56	<1
R1213MC018KA 34-35cm	80893	0.12	8.00	4.95	<1
Standard Hynne		0.06	12.8	3.75	<1
MINN standard		<0.02	13.6	1.68	<1
R889MC025KA 0-1cm	81356	0.06	19.9	4.26	<1
R889MC025KA 1-2cm	81357	0.06	20.7	4.12	<1
R889MC025KA 2-3cm	81358	0.07	20.7	4.25	<1
R889MC025KA 3-4cm	81359	0.05	20.4	4.41	<1
R889MC025KA 4-5cm	81360	0.05	20.3	3.79	<1
R889MC025KA 5-6cm	81361	0.05	21.0	3.66	<1
R889MC025KA 6-7cm	81362	0.05	20.4	3.27	<1
R889MC025KA 7-8cm	81363	0.06	20.8	3.30	<1
R889MC025KA 8-9cm	81364	0.05	19.2	2.94	<1
R889MC025KA 9-10cm	81365	0.05	16.7	4.19	<1
R889MC025KA 10-11cm	81366	0.09	13.2	4.79	<1
R889MC025KA 11-12cm	81367	0.10	12.6	4.67	<1
R889MC025KA 12-13cm	81368	0.14	13.0	5.79	<1
R889MC025KA13-14cm	81369	0.19	12.3	6.99	<1
R889MC025KA 14-15cm	81370	0.13	11.8	5.72	<1
R889MC025KA 16-17cm	81372	0.12	12.5	6.47	<1
R889MC025KA 18-19cm	81374	0.13	12.3	7.86	<1
R889MC025KA 20-21cm	81376	0.10	12.9	8.39	<1
R889MC025KA 22-23cm	81378	0.10	12.8	6.00	<1
R889MC025KA 24-25cm	81380	0.14	12.6	11.3	<1
R889MC025KA 26-27cm	81382	0.15	12.4	14.2	<1
R889MC025KA 28-29cm	81384	0.14	10.8	13.6	<1
R889MC025KA 30-31cm	81386	0.14	10.7	9.81	<1
R889MC025KA 32-33cm	81388	0.05	17.4	3.72	<1
R898MC023KA_0-1cm	81255	0.04	16.3	3.18	<1
R911MC022KA 0-1cm	81209	0.04	14.8	3.88	<1

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Standard Hynne		0.06	12.2	3.66	<1
MINN standard		<0.02	13.5	1.73	<1
R949MC028KA 0-1cm	81515	0.08	20.0	3.89	<1
R949MC028KA1-2cm	81516	0.07	20.2	3.80	<1
R949MC028KA 2-3cm	81517	0.06	21.3	3.86	<1
R949MC028KA 3-4cm	81518	0.05	19.8	3.65	<1
R949MC028KA 4-5cm	81519	0.04	19.8	3.81	<1
R949MC028KA 5-6cm	81520	0.04	18.1	4.08	<1
R949MC028KA 6-7cm	81521	0.04	17.1	4.42	<1
R949MC028KA 7-8cm	81522	0.04	15.9	3.89	<1
R949MC028KA 8-9cm	81523	0.07	15.9	2.63	<1
R949MC028KA 9-10cm	81524	0.07	15.6	2.12	<1
R949MC028KA 10-11cm	81525	0.09	14.5	1.95	<1
R949MC028KA 11-12cm	81526	0.12	13.2	1.82	<1
R949MC028KA 12-13cm	81527	0.11	12.7	1.87	<1
R949MC028KA 13-14cm	81528	0.09	11.7	1.80	<1
R949MC028KA 14-15cm	81529	0.11	12.0	1.82	<1
R949MC028KA 16-17cm	81531	0.08	10.7	1.79	<1
R949MC028KA 18-19cm	81533	0.06	10.8	1.86	<1
R949MC028KA 20-21cm	81536	0.13	10.4	1.90	<1
R949MC028KA 22-23cm	81537	0.17	10.5	2.11	<1
R949MC028KA 24-25cm	81539	0.15	10.4	2.36	<1
R949MC028KA 26-27cm	81542	0.281	12.3	3.17	<1
R949MC028KA 28-29cm	81543	0.16	11.2	3.78	<1
R949MC028KA 30-31cm	81545	0.17	11.3	4.20	<1
R949MC028KA 32-33cm	81547	0.13	11.3	5.15	<1
R949MC028KA 34-35cm	81549	0.10	11.4	3.56	<1
Standard Hynne		0.06	12.8	3.77	<1
MINN standard		<0.02	13.9	1.76	<1
R961MC024KA_0-1cm	81273	0.05	18.7	4.35	<1
R961MC024KA_1-2cm	81274	0.05	20.1	4.54	<1
R961MC024KA_2-3cm	81275	0.04	21.6	4.78	<1
R961MC024KA_3-4cm	81276	0.05	20.1	4.67	<1
R961MC024KA_4-5cm	81277	0.05	20.3	4.51	<1
R961MC024KA_5-6cm	81278	0.05	20.7	3.96	<1
R961MC024KA_6-7cm	81279	0.05	19.8	3.44	<1
R961MC024KA_7-8cm	81280	0.05	19.3	3.44	<1

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R961MC024KA_8-9cm	81281	0.04	18.0	3.67	<1
R961MC024KA_9-10cm	81282	0.04	17.4	3.07	<1
R961MC024KA_10-11cm	81283	0.07	15.5	2.19	<1
R961MC024KA_11-12cm	81284	0.09	16.3	2.14	<1
R961MC024KA_12-13cm	81285	0.09	14.6	2.28	<1
R961MC024KA_13-14cm	81286	0.07	13.1	2.18	<1
R961MC024KA_14-15cm	81287	0.08	11.5	2.05	<1
R961MC024KA_16-17cm	81289	0.07	11.2	2.12	<1
R961MC024KA_18-19cm	81291	0.05	10.4	2.15	<1
R961MC024KA_20-21cm	81293	0.07	10.1	2.17	<1
R961MC024KA_22-23cm	81295	0.07	10.3	2.49	<1
R961MC024KA_24-25cm	81297	0.16	10.2	4.09	<1
R961MC024KA_26-27cm	81299	0.14	10.7	5.73	<1
R961MC024KA_28-29cm	81301	0.13	11.1	6.24	<1
R961MC024KA_30-31cm	81303	0.11	11.1	5.95	<1
R961MC024KA_32-33cm	81305	0.10	11.8	6.18	<1
R961MC024KA_34-35cm	81307	0.10	11.4	5.77	<1
R961MC024KA_36-37cm	81309	0.09	11.9	5.39	<1
R961MC024KA_38-39cm	81311	0.09	11.9	6.51	<1
R1257GR681 0-1cm	80851	0.08	17.9	5.76	<1
Standard Hynne		0.06	13.4	4.04	<1
MINN standard		<0.02	14.3	1.77	<1
R1261MC020KA 0-1cm	80859	0.11	29.3	10.4	1.0
R1261MC020KA 1-2cm	80860	0.12	30.3	11.5	<1
R1261MC020KA 2-3cm	80861	0.10	30.0	12.5	1.0
R1261MC020KA 3-4cm	80862	0.10	29.2	16.1	1.0
R1261MC020KA 4-5cm	80863	0.11	29.2	12.7	1.0
R1261MC020KA 5-6cm	80864	0.12	30.6	9.59	<1
R1261MC020KA 6-7cm	80865	0.12	33.6	8.94	1.0
R1261MC020KA 7-8cm	80866	0.12	34.4	9.30	1.0
R1261MC020KA 8-9cm	80867	0.13	37.7	7.08	1.1
R1261MC020KA 9-10cm	80868	0.12	39.7	7.81	1.2
R1261MC020KA 10-11cm	99860	0.11	39.8	9.14	1.1
R1261MC020KA 11-12cm	80869	0.12	38.6	8.45	1.1
R1261MC020KA 12-13cm	80870	0.13	37.6	8.02	1.2
R1261MC020KA13-14cm	80871	0.14	37.5	5.76	1.0
R1261MC020KA 14-15cm	80872	0.16	36.7	5.41	1.2

*) Akkreditering omfatter kun elementene Cd, Pb, As og Se

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ICP-MS-analyse av ekstrakter
GEOLOGISK MATERIALE
Analysekontrakt nr. 2014.0017

NORSK AKKREDITERING TEST 020

Prøve id.	NGU prøvenr	Cd µg/g	Pb µg/g	As µg/g	Se µg/g
R1261MC020KA 15-16cm	80873	0.19	36.8	5.30	1.3
R1261MC020KA 16-17cm	80874	0.16	34.8	4.80	1.2
R1261MC020KA 17-18cm	80875	0.14	35.3	5.45	1.2
R1261MC020KA 18-19cm	80876	0.13	34.4	5.08	1.1
R1261MC020KA 19-20cm	80877	0.14	33.6	5.81	1.1
R1261MC020KA 20-21cm	80878	0.17	31.9	4.52	1.2
R1261MC020KA 21-22cm	80879	0.17	30.3	4.28	1.1
R1261MC020KA 22-23cm	80880	0.18	29.6	4.51	1.1
R1261MC020KA 23-24cm	80881	0.17	29.5	4.60	1.1
R1261MC020KA 24-25cm	80882	0.16	29.8	4.48	1.1
R1261MC020KA 25-26cm	80883	0.15	28.1	4.47	1.1
R1261MC020KA 26-27cm	80884	0.16	29.9	4.81	1.1
R1261MC020KA 27-28cm	80885	0.17	29.4	5.20	1.2
R1261MC020KA 28-29cm	80886	0.18	29.4	5.45	1.2
R1261MC020KA 29-30cm	80887	0.16	28.2	5.54	1.3
R1261MC020KA 30-31cm	80888	0.17	27.6	5.95	1.2
R1261MC020KA 31-32cm	80889	0.16	27.6	6.09	1.2
R1261MC020KA 32-33cm	80890	0.18	27.0	5.99	1.1
R1261MC020KA 33-34cm	81350	0.18	25.7	6.10	1.2
R1261MC020KA 34-35cm	81349	0.19	24.7	6.06	1.2
R1261MC020KA 35-36cm	81348	0.19	23.7	6.06	1.2
R1261MC020KA 36-37cm	81347	0.18	22.3	6.26	1.1
R1261MC020KA 37-38cm	81346	0.16	21.5	6.27	1.1
R1261MC020KA 38-39cm	81345	0.17	21.3	6.27	1.2
R1261MC020KA 39-40cm	81344	0.201	21.3	6.32	1.2
R1261MC020KA 40-41cm	81343	0.19	22.7	6.44	1.2
R1261MC020KA 41-42cm	81342	0.202	21.8	6.52	1.1
Standard Hynne		0.06	13.7	3.93	<1
MINN standard		<0.02	13.5	1.72	<1
R1271MC021KA 0-1cm	81140	0.10	29.3	12.2	1.1
R1271MC021KA 1-2cm	81141	0.10	29.5	14.0	1.1
R1271MC021KA 2-3cm	81142	0.11	32.3	12.6	1.2
R1271MC021KA 3-4cm	81143	0.11	30.8	10.4	1.2
R1271MC021KA 4-5cm	81144	0.11	30.2	8.75	1.1
R1271MC021KA 5-6cm	81145	0.11	31.8	6.79	1.2
R1271MC021KA 6-7cm	81146	0.12	31.4	6.02	1.0
R1271MC021KA 7-8cm	81147	0.14	32.1	5.05	1.1

*) Akkreditering omfatter kun elementene Cd, Pb, As og Se

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Analysekontrakt nr. 2014.0017

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Prøve id.	NGU prøvenr	Cd µg/g	Pb µg/g	As µg/g	Se µg/g
R1271MC021KA 8-9cm	81148	0.20	29.9	4.85	1.3
R1271MC021KA 9-10cm	81149	0.211	27.1	5.14	1.1
R1271MC021KA 10-11cm	81150	0.209	26.8	4.59	1.1
R1271MC021KA 11-12cm	81151	0.254	23.6	4.70	1.1
R1271MC021KA 12-13cm	81152	0.246	19.9	4.83	1.2
R1271MC021KA13-14cm	81153	0.224	18.5	5.92	1.2
R1271MC021KA 14-15cm	81154	0.238	17.0	5.13	1.1
R1271MC021KA 16-17cm	81156	0.239	14.4	5.50	1.1
R1271MC021KA 18-19cm	81158	0.277	14.3	5.83	1.2
R1271MC021KA 20-21cm	81160	0.218	13.2	5.68	1.1
R1271MC021KA 22-23cm	81162	0.272	12.7	5.93	1.0
R1271MC021KA 24-25cm	81164	0.289	12.3	6.27	1.1
R1271MC021KA 26-27cm	81166	0.255	11.2	7.54	1.0
R1271MC021KA 28-29cm	81168	0.262	11.0	6.63	1.1
R1271MC021KA 30-31cm	81170	0.253	11.9	7.25	1.1
R1271MC021KA 32-33cm	81172	0.257	11.6	5.93	1.2
R1284MC027KA 0-1cm	81421	0.05	15.6	2.56	<1

*) Akkreditering omfatter kun elementene Cd, Pb, As og Se

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ANALYSEKONTRAKTNR. 2014.0017

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Metoden anvendes på analyseløsninger fremstilt ved ekstraksjon med 7 M HNO_3 i autoklav, i samsvar med Norsk Standard - NS 4770
Analysen er således basert på partiell syreekstraksjon i 7M HNO_3 og de rapporterte analyseverdier representerer derfor ikke totalverdier i prøven

INSTRUMENT: **Perkin Elmer SIMAA 6000**

METODE: **Metodeoppsettet er beskrevet i NGU-SD 2.12: Atomabsorpsjonsanalyse (GF-AAS) av ekstrakter (As, Cd, Pb, Se, Sn)**

NEDRE BESTEMMELSESGRENSER (LLQ) OG USIKKERHETER, basert på fortynningsfaktor 1000, dvs. 1 g prøve fortynnes i 1000 ml analysevolum*:

	Cd	Pb	As	Se	Sn
LLQ, mg/kg	0.02	0.6	1	1	2
INFO: 5·LLQ, mg/kg	0.1	3	5	5	10
INFO: Høyeste måleområde, mg/kg	2.5	50	50	100	100
Usikkerhet†, LLQ - 5·LLQ	40 %	40 %	30 %	60 %	30 %
Usikkerhet† 5·LLQ-høyeste måleområde	20 %	20 %	15 %	30 %	20 %

**For analyser med fortynningsfaktor som avviker fra 1000, blir deteksjonsgrensene og måleområdene automatisk omregnet.*
†Oppgitte usikkerheter har dekningsfaktor 2 (2 standardavvik), noe som tilsvarer et konfidensintervall på 95 %.

PRESISJON: **Det analyseres rutinemessig kontrollprøver som føres i kontrolldiagram (X-diagram). Disse kan forevises om ønskelig.**

ANTALL PRØVER: 424

ANMERKNINGER: Ingen

Gjengivelse av analysedata skal skje på en slik måte at meningsinnholdet i rapporten ikke endres.

Ferdig analysert	11. jun. 2014	Frank Berge
	Dato	OPERATØR

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Prøve id.	NGU prøvenr	Sn mg/kg
Standard Hynne		< 2
MINN standard		< 2
R1080BC010KA 0-1cm	79401	< 2
R1093MC001KA 0-1cm	79430	< 2
Standard Hynne		< 2
R1093MC001KA 1-2cm	79431	< 2
R1093MC001KA 2-3cm	79432	< 2
R1093MC001KA 3-4cm	79433	< 2
R1093MC001KA 4-5cm	79434	< 2
R1093MC001KA 5-6cm	79435	< 2
R1093MC001KA 6-7cm	79436	< 2
R1093MC001KA 7-8cm	79437	< 2
R1093MC001KA 8-9cm	79438	< 2
R1093MC001KA 9-10cm	79439	< 2
R1093MC001KA 10-11cm	79440	< 2
R1093MC001KA 11-12cm	79441	< 2
R1093MC001KA 12-13cm	79442	< 2
R1093MC001KA 13-14cm	79443	< 2
R1093MC001KA 14-15cm	79444	< 2
R1093MC001KA 16-17cm	79446	< 2
R1093MC001KA 18-19cm	79448	< 2
R1093MC001KA 20-21cm	79450	< 2
R1093MC001KA 22-23cm	79452	< 2
R1093MC001KA 24-25cm	79454	< 2
R1093MC001KA 26-27cm	79456	< 2
R1093MC001KA 28-29cm	79458	< 2
R1093MC001KA 30-31cm	79460	< 2
R1093MC001KA 32-33cm	79462	< 2
R1093MC001KA 34-35cm	79464	< 2
R1093MC001KA 36-37cm	79466	< 2
R1093MC001KA 38-39cm	79468	< 2
R1093MC001KA 40-41cm	79470	< 2
Standard Hynne		< 2
MINN standard		< 2
R1096MC002KA 0-1cm	79504	< 2

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GEOLOGISK MATERIALE
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Prøve id.	NGU prøvenr	Sn mg/kg
R1114MC003kA 0-1cm	79557	< 2
R1114MC003kA 1-2cm	79558	< 2
R1114MC003kA 2-3cm	79559	< 2
R1114MC003kA 3-4cm	79560	< 2
R1114MC003kA 4-5cm	79561	< 2
R1114MC003kA 5-6cm	79562	< 2
R1114MC003kA 6-7cm	79563	< 2
R1114MC003kA 7-8cm	79564	< 2
R1114MC003kA 8-9cm	79565	< 2
R1114MC003kA 9-10cm	79566	< 2
R1114MC003kA 10-11cm	79567	< 2
R1114MC003kA 11-12cm	79568	< 2
R1114MC003kA 12-13cm	79569	< 2
R1114MC003kA 13-14cm	79570	< 2
R1114MC003kA14-15cm	79571	< 2
R1114MC003kA16-17cm	79573	< 2
R1114MC003kA 18-19cm	79575	< 2
R1114MC003kA 20-21cm	79577	< 2
R1114MC003kA22-23cm	79579	< 2
R1119MC004KA 0-1cm	79612	< 2
R1129MC005KA 0-1cm	79700	< 2
R1133MC006KA 0-1cm	79778	< 2
R0932BX029K1 0-1cm	79917	< 2
Standard Hynne		< 2
MINN standard		< 2
R0942BX026K1 0-1cm	79882	< 2
R0942BX026K1 1-2cm	79883	< 2
R0942BX026K1 2-3cm	79884	< 2
R0942BX026K1 3-4cm	79885	< 2
R0942BX026K1 4-5cm	79886	< 2
R0942BX026K1 5-6cm	79887	< 2
R0942BX026K1 6-7cm	79888	< 2
R0942BX026K1 7-8cm	79889	< 2
R0942BX026K1 8-9cm	79890	2.1
R0942BX026K1 9-10cm	79891	< 2

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Atomabsorpsjonsanalyse (GF-AAS) av Cd, Pb, As, Se og Sn
GEOLOGISK MATERIALE
ANALYSEKONTRAKTNR. 2014.0017

NORSK AKKREDITERING TEST 020

Prøve id.	NGU prøvenr	Sn mg/kg
R0942BX026K1 10-11cm	79892	< 2
R0942BX026K1 11-12cm	79893	< 2
R0942BX026K1 12-13cm	79894	< 2
R0942BX026K1 13-14cm	79895	< 2
R0942BX026K1 14-15cm	79896	< 2
R0942BX026K1 16-17cm	79898	< 2
R0942BX026K1 18-19cm	79900	< 2
R0942BX026K1 20-21cm	79902	< 2
R0942BX026K1 22-23cm	79904	< 2
R0942BX026K1 24-25cm	79906	< 2
R0973BX025K1 0-1cm	79852	< 2
R1137MC009KA 0-1cm	79978	< 2
Standard Hynne		< 2
MINN standard		< 2
R1139MC010KA 0-1cm	80042	< 2
R1139MC010KA 1-2cm	80043	< 2
R1139MC010KA 2-3cm	80044	< 2
R1139MC010KA 3-4cm	80045	< 2
R1139MC010KA 4-5cm	80046	< 2
R1139MC010KA 5-6cm	80047	< 2
R1139MC010KA 6-7cm	80048	< 2
R1139MC010KA 7-8cm	80049	< 2
R1139MC010KA 8-9cm	80050	< 2
R1139MC010KA 9-10cm	80051	< 2
R1139MC010KA 10-11cm	80052	< 2
R1139MC010KA 11-12cm	80053	< 2
R1139MC010KA 12-13cm	80054	< 2
R1139MC010KA 13-14cm	80055	< 2
R1139MC010KA 14-15cm	80056	< 2
R1139MC010KA 16-17cm	80058	< 2
R1139MC010KA 18-19cm	80060	< 2
R1139MC010KA 20-21cm	80062	< 2
R1139MC010KA 22-23cm	80064	< 2
R1139MC010KA 24-25cm	80066	< 2
R1139MC010KA 26-27cm	80068	< 2

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Atomabsorpsjonsanalyse (GF-AAS) av Cd, Pb, As, Se og Sn
GEOLOGISK MATERIALE
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NORSK AKKREDITERING TEST 020

Prøve id.	NGU prøvenr	Sn mg/kg
R1139MC010KA 28-29cm	80070	< 2
R1139MC010KA 30-31cm	80072	< 2
Standard Hynne		< 2
MINN standard		< 2
R1146MC011KA 0-1cm	80106	< 2
R1146MC011KA 1-2cm	80107	< 2
R1146MC011KA 2-3cm	80108	< 2
R1146MC011KA3-4cm	80109	< 2
R1146MC011KA 4-5cm	80110	< 2
R1146MC011KA 5-6cm	80111	< 2
R1146MC011KA 6-7cm	80112	< 2
R1146MC011KA 7-8cm	80113	< 2
R1146MC011KA 8-9cm	80114	< 2
R1146MC011KA 9-10cm	80115	< 2
R1146MC011KA 10-11cm	80116	< 2
R1146MC011KA 11-12cm	80117	< 2
R1146MC011KA12-13cm	80118	< 2
R1146MC011KA 13-14cm	80119	< 2
R1146MC011KA 14-15cm	80120	< 2
R1146MC011KA 16-17cm	80122	< 2
R1146MC011KA 18-19cm	80124	< 2
R1146MC011KA 20-21cm	80126	< 2
R1146MC011KA 22-23cm	80128	< 2
R1146MC011KA 24-25cm	80130	< 2
R1146MC011KA 26-27cm	80132	< 2
R1146MC011KA 28-29cm	80134	< 2
R1146MC011KA 30-31cm	80136	< 2
R1146MC011KA 32-33cm	80138	< 2
R1146MC011KA 34-35cm	80140	< 2
R1146MC011KA 36-37cm	80142	< 2
R1146MC011KA 38-39cm	80144	< 2
Standard Hynne		< 2
MINN standard		< 2
R1165MC012KA 0-1cm	80186	< 2
R1165MC012KA 1-2cm	80187	< 2

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Atomabsorpsjonsanalyse (GF-AAS) av Cd, Pb, As, Se og Sn
GEOLOGISK MATERIALE
ANALYSEKONTRAKTNR. 2014.0017

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Prøve id.	NGU prøvenr	Sn mg/kg
R1165MC012KA 2-3cm	80188	< 2
R1165MC012KA3-4cm	80189	< 2
R1165MC012KA 4-5cm	80190	< 2
R1165MC012KA 5-6cm	80191	< 2
R1165MC012KA 6-7cm	80192	< 2
R1165MC012KA 7-8cm	80193	< 2
R1165MC012KA 8-9cm	80194	< 2
R1165MC012KA 9-10cm	80195	< 2
R1165MC012KA 10-11cm	80196	< 2
R1165MC012KA 11-12cm	80197	< 2
R1165MC012KA12-13cm	80198	< 2
R1165MC012KA 13-14cm	80199	< 2
R1165MC012KA 14-15cm	80200	< 2
R1165MC012KA 16-17cm	80202	< 2
R1165MC012KA 18-19cm	80204	< 2
R1165MC012KA 20-21cm	80206	< 2
R1165MC012KA 22-23cm	80208	< 2
R1165MC012KA 24-25cm	80210	< 2
R1165MC012KA 26-27cm	80212	< 2
R1165MC012KA 28-29cm	80214	< 2
R1165MC012KA 30-31cm	80216	< 2
R1165MC012KA 32-33cm	80218	< 2
R1165MC012KA 34-35cm	80220	< 2
R1165MC012KA 36-37cm	80222	< 2
R1165MC012KA 38-39cm	80224	< 2
R1165MC012KA 40-41cm	80226	< 2
R1165MC012KA 42-43cm	80228	< 2
Standard Hynne		< 2
MINN standard		< 2
R1174MC013KA 0-1cm	80269	< 2
R1180MC014KA 0-1cm	80308	< 2
R1186MC015KA 0-1cm	80371	< 2
R1186MC015KA 1-2cm	80372	< 2
R1186MC015KA 2-3cm	80373	< 2
R1186MC015KA 3-4cm	80374	< 2

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GEOLOGISK MATERIALE
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NORSK AKKREDITERING TEST 020

Prøve id.	NGU prøvenr	Sn mg/kg
R1186MC015KA 4-5cm	80375	< 2
R1186MC015KA 5-6cm	80376	< 2
R1186MC015KA 6-7cm	80377	< 2
R1186MC015KA 7-8cm	80378	< 2
R1186MC015KA 8-9cm	80379	< 2
R1186MC015KA 9-10cm	80380	< 2
R1186MC015KA 10-11cm	80381	< 2
R1186MC015KA 11-12cm	80382	< 2
R1186MC015KA12-13cm	80383	< 2
R1186MC015KA 13-14cm	80384	< 2
R1186MC015KA 14-15cm	80385	< 2
R1186MC015KA 16-17cm	80387	< 2
R1186MC015KA 18-19cm	80389	< 2
R1186MC015KA 20-21cm	80391	< 2
R1186MC015KA 22-23cm	80393	< 2
R1186MC015KA 24-25cm	80395	< 2
R1186MC015KA 26-27cm	80397	< 2
R1186MC015KA 28-29cm	80399	< 2
R1186MC015KA 30-31cm	81100	< 2
Standard Hynne		< 2
MINN standard		< 2
R1200MC016KA 0-1cm	81064	< 2
R1200MC016KA 1-2cm	81063	< 2
R1200MC016KA 2-3cm	81062	< 2
R1200MC016KA3-4cm	81061	< 2
R1200MC016KA 4-5cm	81060	< 2
R1200MC016KA 5-6cm	81059	< 2
R1200MC016KA 6-7cm	81058	< 2
R1200MC016KA 7-8cm	81057	< 2
R1200MC016KA 8-9cm	81056	< 2
R1200MC016KA 9-10cm	81055	< 2
R1200MC016KA 10-11cm	81054	< 2
R1200MC016KA 11-12cm	81053	< 2
R1200MC016KA12-13cm	81052	< 2
R1200MC016KA 13-14cm	81051	< 2

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Prøve id.	NGU prøvenr	Sn mg/kg
R1200MC016KA 14-15cm	81050	< 2
R1200MC016KA 16-17cm	81048	< 2
R1200MC016KA 18-19cm	81046	< 2
R1200MC016KA 20-21cm	81044	< 2
R1200MC016KA 22-23cm	81042	< 2
R1200MC016KA 24-25cm	81040	< 2
R1200MC016KA 26-27cm	81038	< 2
R1200MC016KA 28-29cm	81036	< 2
Standard Hynne		< 2
MINN standard		< 2
R1205MC017KA 0-1cm	81008	< 2
R1205MC017KA 1-2cm	81007	< 2
R1205MC017KA 2-3cm	81006	< 2
R1205MC017KA 3-4cm	81005	< 2
R1205MC017KA 4-5cm	81004	< 2
R1205MC017KA 5-6cm	81003	< 2
R1205MC017KA 6-7cm	81002	< 2
R1205MC017KA 7-8cm	81001	< 2
R1205MC017KA 8-9cm	81000	< 2
R1205MC017KA 9-10cm	80999	< 2
R1205MC017KA 10-11cm	80998	< 2
R1205MC017KA 11-12cm	80997	< 2
R1205MC017KA12-13cm	80996	< 2
R1205MC017KA 13-14cm	80995	< 2
R1205MC017KA 14-15cm	80994	< 2
R1205MC017KA 16-17cm	80992	< 2
R1205MC017KA 18-19cm	80990	< 2
R1205MC017KA 20-21cm	80988	< 2
R1205MC017KA 22-23cm	80986	< 2
R1205MC017KA 24-25cm	80984	< 2
R1205MC017KA 26-27cm	80982	< 2
Standard Hynne		< 2
MINN standard		< 2
R1213MC018KA 0-1cm	80927	< 2
R1213MC018KA 1-2cm	80926	< 2

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Prøve id.	NGU prøvenr	Sn mg/kg
R1213MC018KA 2-3cm	80925	< 2
R1213MC018KA 3-4cm	80924	< 2
R1213MC018KA 4-5cm	80923	< 2
R1213MC018KA 5-6cm	80922	< 2
R1213MC018KA 6-7cm	80921	< 2
R1213MC018KA 7-8cm	80920	< 2
R1213MC018KA 8-9cm	80919	< 2
R1213MC018KA 9-10cm	80918	< 2
R1213MC018KA 10-11cm	80917	< 2
R1213MC018KA 11-12cm	80916	< 2
R1213MC018KA12-13cm	80915	< 2
R1213MC018KA 13-14cm	80914	< 2
R1213MC018KA 14-15cm	80913	< 2
R1213MC018KA 16-17cm	80911	< 2
R1213MC018KA 18-19cm	80909	< 2
R1213MC018KA 20-21cm	80907	< 2
R1213MC018KA 22-23cm	80905	< 2
R1213MC018KA 24-25cm	80903	< 2
R1213MC018KA 26-27cm	80901	< 2
R1213MC018KA 28-29cm	80899	< 2
R1213MC018KA 30-31cm	80897	< 2
R1213MC018KA 32-33cm	80895	< 2
R1213MC018KA 34-35cm	80893	< 2
Standard Hynne		< 2
MINN standard		< 2
R889MC025KA 0-1cm	81356	< 2
R889MC025KA 1-2cm	81357	< 2
R889MC025KA 2-3cm	81358	< 2
R889MC025KA 3-4cm	81359	< 2
R889MC025KA 4-5cm	81360	< 2
R889MC025KA 5-6cm	81361	< 2
R889MC025KA 6-7cm	81362	< 2
R889MC025KA 7-8cm	81363	< 2
R889MC025KA 8-9cm	81364	< 2
R889MC025KA 9-10cm	81365	< 2

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Prøve id.	NGU prøvenr	Sn mg/kg
R889MC025KA 10-11cm	81366	< 2
R889MC025KA 11-12cm	81367	< 2
R889MC025KA 12-13cm	81368	< 2
R889MC025KA13-14cm	81369	< 2
R889MC025KA 14-15cm	81370	< 2
R889MC025KA 16-17cm	81372	< 2
R889MC025KA 18-19cm	81374	< 2
R889MC025KA 20-21cm	81376	< 2
R889MC025KA 22-23cm	81378	< 2
R889MC025KA 24-25cm	81380	< 2
R889MC025KA 26-27cm	81382	< 2
R889MC025KA 28-29cm	81384	< 2
R889MC025KA 30-31cm	81386	< 2
R889MC025KA 32-33cm	81388	< 2
R898MC023KA_0-1cm	81255	< 2
R911MC022KA 0-1cm	81209	< 2
Standard Hynne		< 2
MINN standard		< 2
R949MC028KA 0-1cm	81515	< 2
R949MC028KA1-2cm	81516	< 2
R949MC028KA 2-3cm	81517	< 2
R949MC028KA 3-4cm	81518	< 2
R949MC028KA 4-5cm	81519	< 2
R949MC028KA 5-6cm	81520	< 2
R949MC028KA 6-7cm	81521	< 2
R949MC028KA 7-8cm	81522	< 2
R949MC028KA 8-9cm	81523	< 2
R949MC028KA 9-10cm	81524	< 2
R949MC028KA 10-11cm	81525	< 2
R949MC028KA 11-12cm	81526	< 2
R949MC028KA 12-13cm	81527	< 2
R949MC028KA 13-14cm	81528	< 2
R949MC028KA 14-15cm	81529	< 2
R949MC028KA 16-17cm	81531	< 2
R949MC028KA 18-19cm	81533	< 2

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Prøve id.	NGU prøvenr	Sn mg/kg
R949MC028KA 20-21cm	81536	< 2
R949MC028KA 22-23cm	81537	< 2
R949MC028KA 24-25cm	81539	< 2
R949MC028KA 26-27cm	81542	< 2
R949MC028KA 28-29cm	81543	< 2
R949MC028KA 30-31cm	81545	< 2
R949MC028KA 32-33cm	81547	< 2
R949MC028KA 34-35cm	81549	< 2
Standard Hynne		< 2
MINN standard		< 2
R961MC024KA_0-1cm	81273	< 2
R961MC024KA_1-2cm	81274	< 2
R961MC024KA_2-3cm	81275	< 2
R961MC024KA_3-4cm	81276	< 2
R961MC024KA_4-5cm	81277	< 2
R961MC024KA_5-6cm	81278	< 2
R961MC024KA_6-7cm	81279	< 2
R961MC024KA_7-8cm	81280	< 2
R961MC024KA_8-9cm	81281	< 2
R961MC024KA_9-10cm	81282	< 2
R961MC024KA_10-11cm	81283	< 2
R961MC024KA_11-12cm	81284	< 2
R961MC024KA_12-13cm	81285	< 2
R961MC024KA_13-14cm	81286	< 2
R961MC024KA_14-15cm	81287	< 2
R961MC024KA_16-17cm	81289	< 2
R961MC024KA_18-19cm	81291	< 2
R961MC024KA_20-21cm	81293	< 2
R961MC024KA_22-23cm	81295	< 2
R961MC024KA_24-25cm	81297	< 2
R961MC024KA_26-27cm	81299	< 2
R961MC024KA_28-29cm	81301	< 2
R961MC024KA_30-31cm	81303	< 2
R961MC024KA_32-33cm	81305	< 2
R961MC024KA_34-35cm	81307	< 2

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Prøve id.	NGU prøvenr	Sn mg/kg
R961MC024KA_36-37cm	81309	< 2
R961MC024KA_38-39cm	81311	< 2
R1257GR681 0-1cm	80851	< 2
Standard Hynne		< 2
MINN standard		< 2
R1261MC020KA 0-1cm	80859	< 2
R1261MC020KA 1-2cm	80860	< 2
R1261MC020KA 2-3cm	80861	< 2
R1261MC020KA 3-4cm	80862	< 2
R1261MC020KA 4-5cm	80863	< 2
R1261MC020KA 5-6cm	80864	< 2
R1261MC020KA 6-7cm	80865	< 2
R1261MC020KA 7-8cm	80866	< 2
R1261MC020KA 8-9cm	80867	< 2
R1261MC020KA 9-10cm	80868	< 2
R1261MC020KA 10-11cm	99860	< 2
R1261MC020KA 11-12cm	80869	< 2
R1261MC020KA 12-13cm	80870	< 2
R1261MC020KA13-14cm	80871	< 2
R1261MC020KA 14-15cm	80872	< 2
R1261MC020KA 15-16cm	80873	2.4
R1261MC020KA 16-17cm	80874	2.0
R1261MC020KA 17-18cm	80875	2.2
R1261MC020KA 18-19cm	80876	< 2
R1261MC020KA 19-20cm	80877	< 2
R1261MC020KA 20-21cm	80878	< 2
R1261MC020KA 21-22cm	80879	< 2
R1261MC020KA 22-23cm	80880	< 2
R1261MC020KA 23-24cm	80881	< 2
R1261MC020KA 24-25cm	80882	< 2
R1261MC020KA 25-26cm	80883	< 2
R1261MC020KA 26-27cm	80884	< 2
R1261MC020KA 27-28cm	80885	< 2
R1261MC020KA 28-29cm	80886	< 2
R1261MC020KA 29-30cm	80887	< 2

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Prøve id.	NGU prøvenr	Sn mg/kg
R1261MC020KA 30-31cm	80888	< 2
R1261MC020KA 31-32cm	80889	< 2
R1261MC020KA 32-33cm	80890	< 2
R1261MC020KA 33-34cm	81350	< 2
R1261MC020KA 34-35cm	81349	< 2
R1261MC020KA 35-36cm	81348	< 2
R1261MC020KA 36-37cm	81347	< 2
R1261MC020KA 37-38cm	81346	< 2
R1261MC020KA 38-39cm	81345	< 2
R1261MC020KA 39-40cm	81344	< 2
R1261MC020KA 40-41cm	81343	< 2
R1261MC020KA 41-42cm	81342	< 2
Standard Hynne		< 2
MINN standard		< 2
R1271MC021KA 0-1cm	81140	< 2
R1271MC021KA 1-2cm	81141	< 2
R1271MC021KA 2-3cm	81142	2.1
R1271MC021KA 3-4cm	81143	2.1
R1271MC021KA 4-5cm	81144	2.1
R1271MC021KA 5-6cm	81145	2.8
R1271MC021KA 6-7cm	81146	< 2
R1271MC021KA 7-8cm	81147	2.8
R1271MC021KA 8-9cm	81148	< 2
R1271MC021KA 9-10cm	81149	2.1
R1271MC021KA 10-11cm	81150	< 2
R1271MC021KA 11-12cm	81151	< 2
R1271MC021KA 12-13cm	81152	< 2
R1271MC021KA13-14cm	81153	< 2
R1271MC021KA 14-15cm	81154	< 2
R1271MC021KA 16-17cm	81156	< 2
R1271MC021KA 18-19cm	81158	< 2
R1271MC021KA 20-21cm	81160	< 2
R1271MC021KA 22-23cm	81162	< 2
R1271MC021KA 24-25cm	81164	< 2
R1271MC021KA 26-27cm	81166	< 2

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Prøve id.	NGU prøvenr	Sn mg/kg
R1271MC021KA 28-29cm	81168	< 2
R1271MC021KA 30-31cm	81170	< 2
R1271MC021KA 32-33cm	81172	< 2
R1284MC027KA 0-1cm	81421	< 2