

PARTICLE SIZE DISTRIBUTION

CILAS 1180 Liquid

Range : 0.04 μm - 2500.00 μm / 100 Classes

Sample ref. : CR_23_01_45-50cm
 Sample Name :
 Sample type : Mixed
 Comments :
 Liquid : Water (eau)
 Dispersing agent :
 Operator : Eve
 Company :
 Location :
 Date : 06/09/2023 Time : 02:38:57PM
 Index meas. : 2866
 Database name : Granulog

Ultrasounds : 15 s (+during)
 Obscuration : 15 %
 Diameter at 10% : 2.73 μm
 Diameter at 50% : 10.09 μm
 Diameter at 90% : 22.84 μm
 Mean diameter : 11.59 μm
 Fraunhofer
 Density/Factor : -----
 Specific surface : -----
 Automatic dilution : No / No
 Meas./Rins. : 60s/60s/4
 SOP name : Mixed

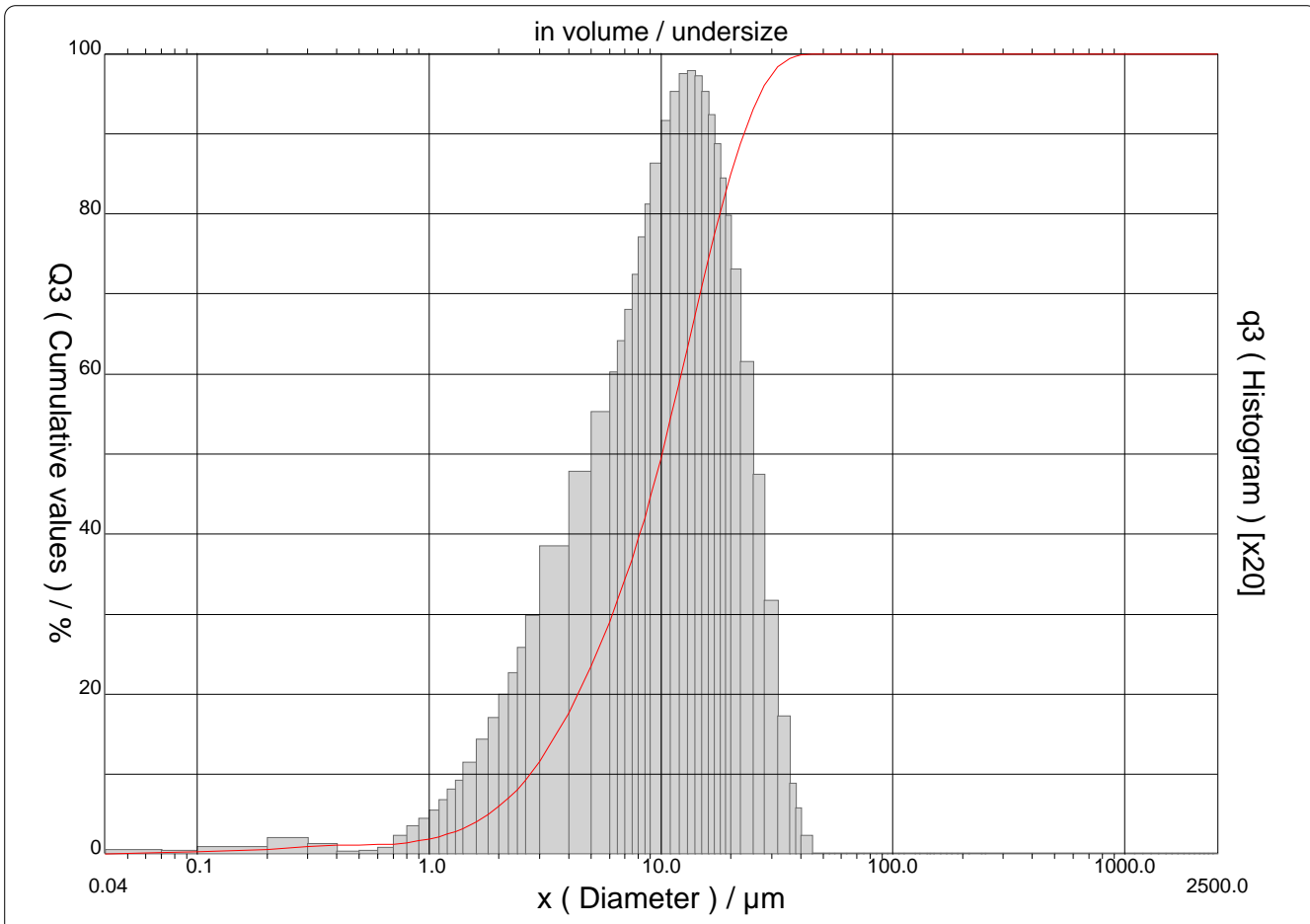
Customer defined classes

in volume / undersize

x	0.04	3.90	62.00	88.00	125.0	177.0	250.0	350.0	500.0	710.0
Q3	0.08	17.04	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

x	1000.0	1410.0	2000.0
Q3	100.00	100.00	100.00

x : diameter / μm Q3 : cumulative value / % q3 : population density



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 Specific surface : -----
 Automatic dilution : No / No
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 SOP name : Mixed

Standards classes

in volume / undersize

x	0.04	0.07	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
Q3	0.08	0.21	0.28	0.57	0.99	1.18	1.21	1.24	1.30	1.46
q3	0.01	0.02	0.02	0.04	0.09	0.06	0.01	0.01	0.04	0.11
x	0.90	1.00	1.10	1.20	1.30	1.40	1.60	1.80	2.00	2.20
Q3	1.68	1.93	2.21	2.53	2.88	3.25	4.08	5.00	5.98	7.02
q3	0.17	0.22	0.27	0.33	0.40	0.45	0.56	0.71	0.84	0.99
x	2.40	2.60	3.00	4.00	5.00	6.00	6.50	7.00	7.50	8.00
Q3	8.10	9.23	11.57	17.64	23.50	29.04	31.69	34.30	36.88	39.45
q3	1.13	1.28	1.48	1.92	2.38	2.76	3.01	3.20	3.39	3.62
x	8.50	9.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00
Q3	42.02	44.57	49.57	54.37	58.93	63.22	67.21	70.90	74.28	77.36
q3	3.85	4.05	4.31	4.57	4.76	4.87	4.89	4.86	4.75	4.61
x	18.00	19.00	20.00	22.00	25.00	28.00	32.00	36.00	38.00	40.00
Q3	80.15	82.66	84.91	88.74	93.06	96.01	98.33	99.44	99.70	99.86
q3	4.43	4.21	3.98	3.65	3.07	2.36	1.58	0.86	0.44	0.28
x	45.00	50.00	53.00	56.00	63.00	71.00	75.00	80.00	85.00	90.00
Q3	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
q3	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
x	95.00	100.0	106.0	112.0	125.0	130.0	140.0	145.0	150.0	160.0
Q3	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
q3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
x	170.0	180.0	190.0	200.0	212.0	242.0	250.0	300.0	400.0	500.0
Q3	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
q3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
x	600.0	700.0	800.0	900.0	1000.0	1100.0	1200.0	1300.0	1400.0	1500.0
Q3	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
q3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
x	1600.0	1700.0	1800.0	1900.0	2000.0	2100.0	2200.0	2300.0	2400.0	2500.0
Q3	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
q3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

x : diameter / µm Q3 : cumulative value / % q3 : population density