PARTICLE SIZE DISTRIBUTION

CILAS 1180 Liquid

Range : 0.04 µm - 2500.00 µm / 100 Classes

Sample ref.	: CB-23-01_10-12cm
Sample Name	:
Sample type	: Mixed
Comments	:
Liquid	: Water (eau)
Dispersing agent	:
Operator	: Olivia
Company	:
Location	:
Date : 07/05/2023	Time : 10:53:06AM
Index meas.	: 2897
Database name	: Granulog

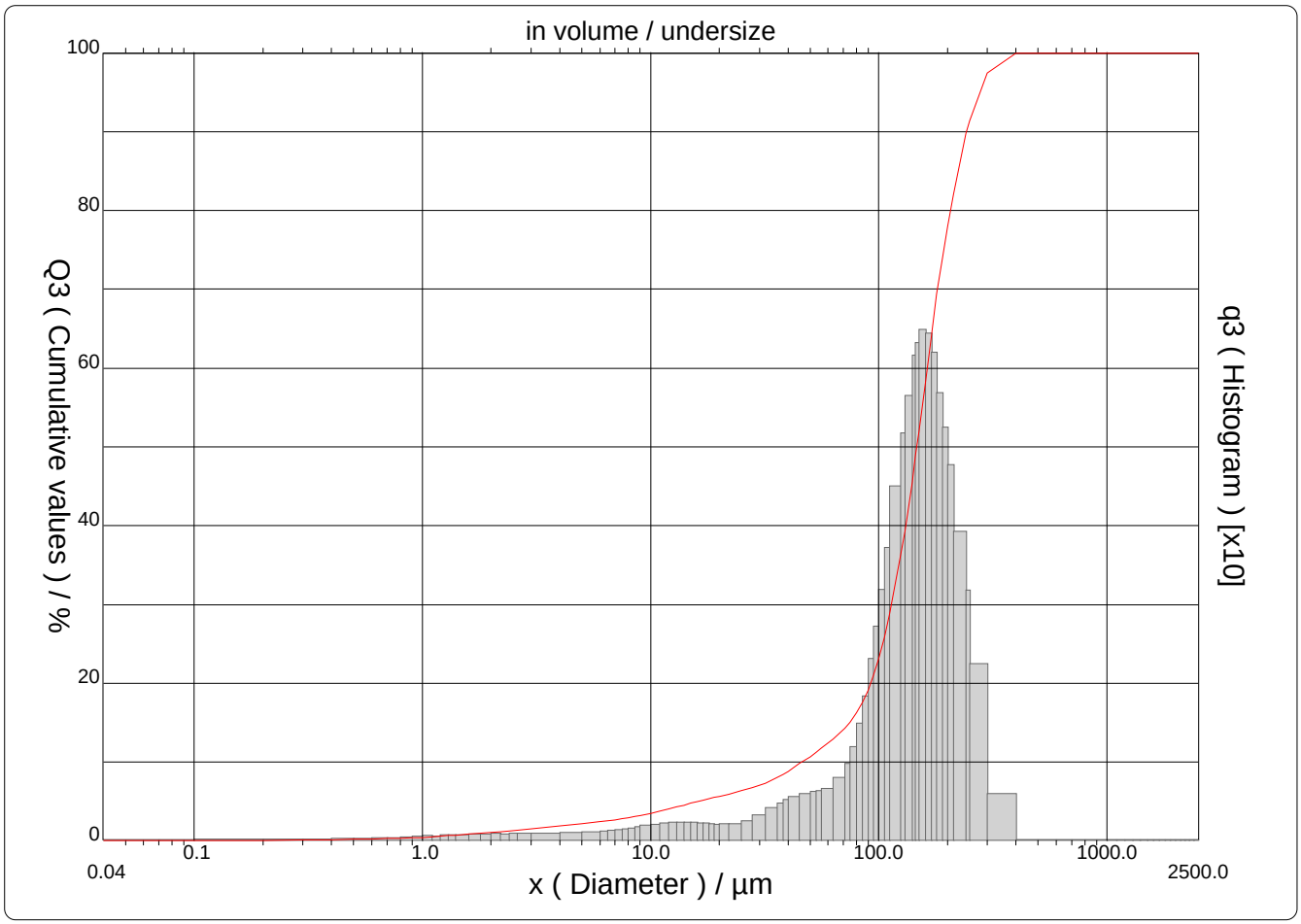
Ultrasounds	: 15 s (+during)
Obscuration	: 14 %
Diameter at 10%	: 46.10 µm
Diameter at 50%	: 146.90 µm
Diameter at 90%	: 242.82 µm
Mean diameter	: 149.06 µm
Fraunhofer	
Density/Factor	----------
Specific surface	----------
Automatic dilution	: No / No
Meas./Rins.	: 60s/60s/4
SOP name	: Mixed

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	0.00	1.86	12.73	18.48	36.26	67.82	91.38	99.49	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



Serial nb : 833

Ref : 2.r176.m0.88A1818/6.00/2897/m61.12.20.40.1Fh.20.20.40.1Bh/Q-.0.0.0.0//600.0.15.g10.0.16.10.1.10.P7200.27.80.P29.0/V 8.05/635

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Mean diameter Fraunhofer	: 149.06 µm
Density/Factor	----------
Specific surface	----------
Automatic dilution	: No / No
Meas./Rins.	: 60s/60s/4
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	0.00	0.00	0.00	0.09	0.14	0.17	0.21	0.24	0.29	0.34
q3	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.03
x	0.90	1.00	1.10	1.20	1.30	1.40	1.60	1.80	2.00	2.20
Q3	0.40	0.46	0.53	0.59	0.66	0.73	0.86	0.98	1.09	1.20
q3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08
x	2.40	2.60	3.00	4.00	5.00	6.00	6.50	7.00	7.50	8.00
Q3	1.29	1.39	1.55	1.89	2.18	2.44	2.57	2.70	2.83	2.96
q3	0.07	0.08	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13
x	8.50	9.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00
Q3	3.09	3.23	3.51	3.78	4.05	4.31	4.55	4.78	4.99	5.18
q3	0.14	0.16	0.18	0.19	0.21	0.22	0.22	0.22	0.22	0.21
x	18.00	19.00	20.00	22.00	25.00	28.00	32.00	36.00	38.00	40.00
Q3	5.36	5.52	5.67	5.95	6.34	6.74	7.36	8.07	8.44	8.83
q3	0.21	0.20	0.20	0.20	0.20	0.24	0.31	0.40	0.46	0.51
x	45.00	50.00	53.00	56.00	63.00	71.00	75.00	80.00	85.00	90.00
Q3	9.79	10.71	11.24	11.75	12.89	14.30	15.09	16.23	17.57	19.13
q3	0.54	0.58	0.61	0.62	0.65	0.79	0.96	1.18	1.48	1.82
x	95.00	100.0	106.0	112.0	125.0	130.0	140.0	145.0	150.0	160.0
Q3	20.99	23.07	25.84	28.89	36.26	39.29	45.54	48.77	51.97	58.22
q3	2.30	2.71	3.18	3.70	4.48	5.16	5.63	6.15	6.31	6.47
x	170.0	180.0	190.0	200.0	212.0	242.0	250.0	300.0	400.0	500.0
Q3	64.05	69.34	73.93	77.95	82.10	89.84	91.38	97.48	100.00	100.00
q3	6.42	6.18	5.67	5.24	4.76	3.91	3.16	2.24	0.59	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