MASTERSIZER 2000

Result Analysis Report

Sample Name:
2

SOP Name:

Measured:
2022年8月13日 20:06:38

Sample Source & type:

Measured by:
lab

Analysed:
2022年8月13日 20:06:39

Sample bulk lot ref:

Result Source:
Measurement

Particle Name:
1.5

Accessory Name:
Hydro 2000MU (A)

Analysis model:
General purpose

Sensitivity:
Normal

Particle RI:
1.500

Absorption:
0

Size range:
0.020 to 2000.000 um

Obscuration:
2.84 %

Dispersant Name:
water

Dispersant RI:
1.330

Weighted Residual:
1.792 %

Result Emulation:
Off

Concentration:
0.0012 %Vol

Span :
2.310

Uniformity:
0.721

Result units:
Volume

Specific Surface Area:
8.5 m?g

Surface Weighted Mean D[3,2]:
0.706 um

Vol. Weighted Mean D[4,3]:
3.204 um

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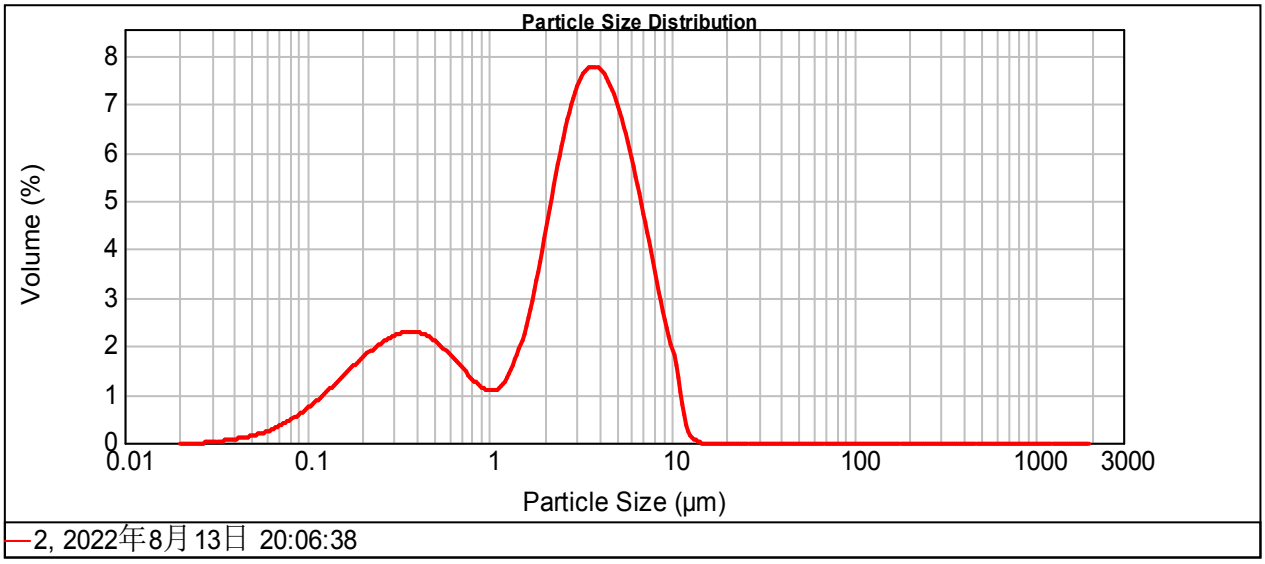
d(0.1): 0.247 um **d(0.5):** 2.856 um **d(0.9):** 6.844 um



Size (µm)	Volume In %	Size (µm)	Volume In %	Size (µm)	Volume In %	Size (µm)	Volume In %	Size (µm)	Volume In %	Size (µm)	Volume In %
0.010	0.00	0.105	0.78	1.096	1.06	11.482	0.18	120.226	0.00	1258.925	0.00
0.011	0.00	0.120	0.95	1.259	1.41	13.183	0.01	138.038	0.00	1445.440	0.00
0.013	0.00	0.138	1.14	1.445	2.04	15.136	0.00	158.489	0.00	1659.587	0.00
0.015	0.00	0.158	1.34	1.660	2.93	17.378	0.00	181.970	0.00	1905.461	0.00
0.017	0.00	0.182	1.53	1.905	3.99	19.953	0.00	208.930	0.00	2187.762	0.00
0.020	0.00	0.209	1.71	2.188	5.08	22.909	0.00	239.883	0.00	2511.886	0.00
0.023	0.00	0.240	1.87	2.512	6.02	26.303	0.00	275.423	0.00	2884.032	0.00
0.026	0.01	0.275	1.98	2.884	6.68	30.200	0.00	316.228	0.00	3311.311	0.00
0.030	0.03	0.316	2.05	3.311	6.99	34.674	0.00	363.078	0.00	3801.894	0.00
0.035	0.05	0.363	2.07	3.802	6.95	39.811	0.00	416.869	0.00	4365.158	0.00
0.040	0.08	0.417	2.01	4.365	6.59	45.709	0.00	478.630	0.00	5011.872	0.00
0.046	0.12	0.479	1.89	5.012	5.99	52.481	0.00	549.541	0.00	5754.399	0.00
0.052	0.17	0.550	1.71	5.754	5.17	60.256	0.00	630.957	0.00	6606.934	0.00
0.060	0.24	0.631	1.48	6.607	4.23	69.183	0.00	724.436	0.00	7585.776	0.00
0.069	0.35	0.724	1.24	7.586	3.22	79.433	0.00	831.764	0.00	8709.636	0.00
0.079	0.47	0.832	1.05	8.710	2.25	91.201	0.00	954.993	0.00	10000.000	0.00
0.091	0.62	0.955	0.97	10.000	1.28	104.713	0.00	1096.478	0.00		
0.105		1.096		11.482		120.226		1258.925			

Operator notes: