

Particle Size Analysis -



1um

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06-28-2023

16:04

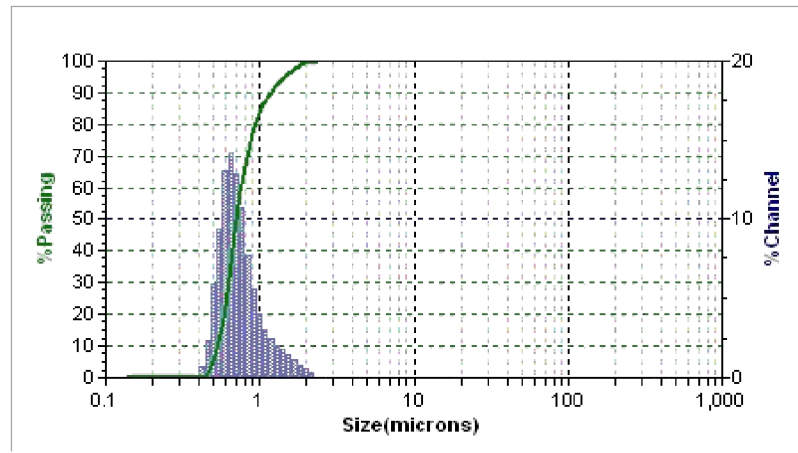
S3000/S3500
S3668

Data Item	Value
MV(um):	0.793
MN(um):	0.634
MA(um):	0.72
CS:	8.34
SD:	0.2180

Size(um)	%Tile

%Tile	Size(um)
5.00	0.503
10.00	0.536
30.00	0.625
40.00	0.664
50.00	0.708
60.00	0.759
90.00	1.176
95.00	1.442
97.00	1.613
99.00	1.905

Dia	Vol%	Width
0.708	100.0	0.44



2nd zhujiang road,industry and Trade Park of Xushui Town, Zhengzhou cityP.R.C.
TEL:0086-371-67650359
FAX:0086-371-67650316

Warnings: High Background

Distribution:	Volume	Run Time:	10 Sec	Fluid:	WATER		
Progression:	Geom 8 Root	Run Num:	1 of 1	Fluid Ref. Index:	1.333	Loading Factor:	0.004
Upper Edge:	704	Particle:	CURRENT PARTICLE	Above Residual:	0	Transmission:	0.85
Lower Edge:	0.122	Transparency:	Transparent	Below Residual:	0		
Residuals:	Disabled	Part. Ref. Index:	2.41			Flow:	35 %
Num. Channels:	100	Part. Shape:	Irregular	Cell ID:	0507	Usonic Power:	N/A
Analysis Mode:	X100					Usonic Time:	N/A
Filter:	Enabled	DB Record:	3637	Recalc Status:		Serial Num:	S3668
Extended Rng:	Disabled	Database:	C:\Program Files\Microtrac FLEX 10.2.9\Databases\DB2022\1122.MDB				

Size(um)	%Chan	% Pass	Size(um)	%Chan	% Pass	Size(um)	%Chan	% Pass	Size(um)	%Chan	% Pass
704.0	0.00	100.00	37.00	0.00	100.00	1.945	0.83	99.18			
645.6	0.00	100.00	33.93	0.00	100.00	1.783	1.13	98.35			
592.0	0.00	100.00	31.11	0.00	100.00	1.635	1.46	97.22			
542.9	0.00	100.00	28.53	0.00	100.00	1.499	1.76	95.76			
497.8	0.00	100.00	26.16	0.00	100.00	1.375	2.05	94.00			
456.5	0.00	100.00	23.99	0.00	100.00	1.261	2.46	91.95			
418.6	0.00	100.00	22.00	0.00	100.00	1.156	3.04	89.49			
383.9	0.00	100.00	20.17	0.00	100.00	1.060	4.06	86.45			
352.0	0.00	100.00	18.50	0.00	100.00	0.972	5.57	82.39			
322.8	0.00	100.00	16.96	0.00	100.00	0.892	7.75	76.82			
296.0	0.00	100.00	15.56	0.00	100.00	0.818	10.68	69.07			
271.4	0.00	100.00	14.27	0.00	100.00	0.750	12.82	58.39			
248.9	0.00	100.00	13.08	0.00	100.00	0.688	14.24	45.57			
228.2	0.00	100.00	12.00	0.00	100.00	0.630	13.04	31.33			
209.3	0.00	100.00	11.00	0.00	100.00	0.578	9.33	18.29			
191.9	0.00	100.00	10.09	0.00	100.00	0.530	5.88	8.96			
176.0	0.00	100.00	9.25	0.00	100.00	0.486	2.36	3.08			
161.4	0.00	100.00	8.48	0.00	100.00	0.446	0.72	0.72			
148.0	0.00	100.00	7.78	0.00	100.00	0.409	0.00	0.00			
135.7	0.00	100.00	7.13	0.00	100.00	0.375	0.00	0.00			
124.5	0.00	100.00	6.54	0.00	100.00	0.344	0.00	0.00			
114.1	0.00	100.00	6.00	0.00	100.00	0.315	0.00	0.00			
104.7	0.00	100.00	5.50	0.00	100.00	0.2890	0.00	0.00			
95.96	0.00	100.00	5.04	0.00	100.00	0.2650	0.00	0.00			
88.00	0.00	100.00	4.62	0.00	100.00	0.2430	0.00	0.00			
80.70	0.00	100.00	4.24	0.00	100.00	0.2230	0.00	0.00			
74.00	0.00	100.00	3.89	0.00	100.00	0.2040	0.00	0.00			
67.86	0.00	100.00	3.57	0.00	100.00	0.1870	0.00	0.00			
62.23	0.00	100.00	3.27	0.00	100.00	0.1720	0.00	0.00			
57.06	0.00	100.00	2.999	0.00	100.00	0.1580	0.00	0.00			
52.33	0.00	100.00	2.750	0.00	100.00	0.1450	0.00	0.00			
47.98	0.00	100.00	2.522	0.00	100.00	0.1330	0.00	0.00			
44.00	0.00	100.00	2.312	0.28	100.00						
40.35	0.00	100.00	2.121	0.54	99.72						