

Particle Size Analysis -



1MICRON

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07-24-2023 09:08

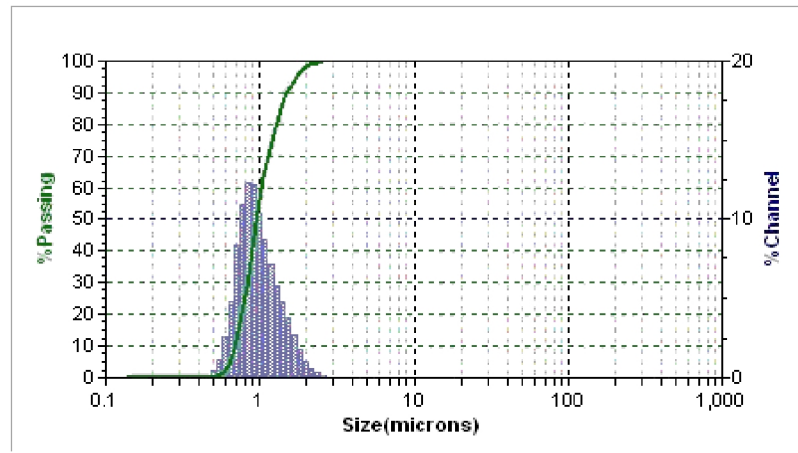
S3000/S3500
S3668

Data Item	Value
MV(um):	1.037
MN(um):	0.825
MA(um):	0.95
CS:	6.32
SD:	0.3080

Size(um)	%Tile

%Tile	Size(um)
5.00	0.642
10.00	0.696
30.00	0.828
40.00	0.888
50.00	0.953
60.00	1.032
90.00	1.510
95.00	1.713
97.00	1.847
99.00	2.110

Dia	Vol%	Width
0.953	100.0	0.62



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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:	0.001
Upper Edge:	704	Particle:	CURRENT PARTICLE	Above Residual:	0	Transmission:	0.96
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:	4087	Recalc Status:		Serial Num:	S3668
Extended Rng:	Disabled	Database:	C:\Program Files\Microtrac FLEX 10.2.9\Databases\DB20221122.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	1.84	98.01			
645.6	0.00	100.00	33.93	0.00	100.00	1.783	2.73	96.17			
592.0	0.00	100.00	31.11	0.00	100.00	1.635	3.77	93.44			
542.9	0.00	100.00	28.53	0.00	100.00	1.499	4.82	89.67			
497.8	0.00	100.00	26.16	0.00	100.00	1.375	5.83	84.85			
456.5	0.00	100.00	23.99	0.00	100.00	1.261	7.15	79.02			
418.6	0.00	100.00	22.00	0.00	100.00	1.156	8.74	71.87			
383.9	0.00	100.00	20.17	0.00	100.00	1.060	10.39	63.13			
352.0	0.00	100.00	18.50	0.00	100.00	0.972	12.15	52.74			
322.8	0.00	100.00	16.96	0.00	100.00	0.892	12.28	40.59			
296.0	0.00	100.00	15.56	0.00	100.00	0.818	10.90	28.31			
271.4	0.00	100.00	14.27	0.00	100.00	0.750	8.43	17.41			
248.9	0.00	100.00	13.08	0.00	100.00	0.688	4.86	8.98			
228.2	0.00	100.00	12.00	0.00	100.00	0.630	2.57	4.12			
209.3	0.00	100.00	11.00	0.00	100.00	0.578	1.15	1.55			
191.9	0.00	100.00	10.09	0.00	100.00	0.530	0.40	0.40			
176.0	0.00	100.00	9.25	0.00	100.00	0.486	0.00	0.00			
161.4	0.00	100.00	8.48	0.00	100.00	0.446	0.00	0.00			
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	0.11	100.00	0.1450	0.00	0.00			
47.98	0.00	100.00	2.522	0.28	99.89	0.1330	0.00	0.00			
44.00	0.00	100.00	2.312	0.56	99.61						
40.35	0.00	100.00	2.121	1.04	99.05						