

4Particle Size Analysis -



0-1um

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09-13-2022

10:02

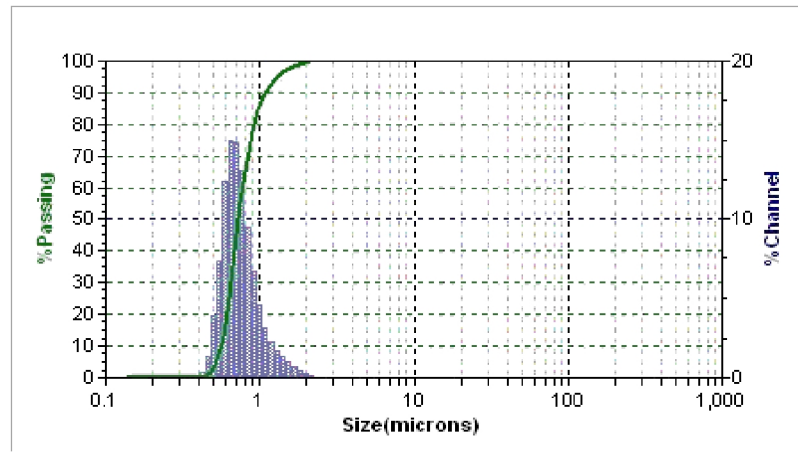
S3000/S3500
S3668

Data Item	Value
MV(um):	0.788
MN(um):	0.660
MA(um):	0.73
CS:	8.19
SD:	0.1860

Size(um)	%Tile

%Tile	Size(um)
5.00	0.525
10.00	0.561
30.00	0.648
40.00	0.687
50.00	0.727
60.00	0.773
90.00	1.085
95.00	1.293
97.00	1.450
99.00	1.751

Dia	Vol%	Width
0.727	100.0	0.37



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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:	0.002
Upper Edge:	704	Particle:	CURRENT PARTICLE	Above Residual:	0	Transmission:	0.94
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:	31649	Recalc Status:		Serial Num:	S3668
Extended Rng:	Disabled	Database:	C:\Program Files\Microtrac FLEX 10.2.9\Databases\DB2016.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	0.46	99.59			
645.6	0.00	100.00	33.93	0.00	100.00	1.783	0.68	99.13			
592.0	0.00	100.00	31.11	0.00	100.00	1.635	0.98	98.45			
542.9	0.00	100.00	28.53	0.00	100.00	1.499	1.30	97.47			
497.8	0.00	100.00	26.16	0.00	100.00	1.375	1.69	96.17			
456.5	0.00	100.00	23.99	0.00	100.00	1.261	2.28	94.48			
418.6	0.00	100.00	22.00	0.00	100.00	1.156	3.10	92.20			
383.9	0.00	100.00	20.17	0.00	100.00	1.060	4.55	89.10			
352.0	0.00	100.00	18.50	0.00	100.00	0.972	6.69	84.55			
322.8	0.00	100.00	16.96	0.00	100.00	0.892	9.50	77.86			
296.0	0.00	100.00	15.56	0.00	100.00	0.818	13.11	68.36			
271.4	0.00	100.00	14.27	0.00	100.00	0.750	14.91	55.25			
248.9	0.00	100.00	13.08	0.00	100.00	0.688	14.98	40.34			
228.2	0.00	100.00	12.00	0.00	100.00	0.630	12.45	25.36			
209.3	0.00	100.00	11.00	0.00	100.00	0.578	7.39	12.91			
191.9	0.00	100.00	10.09	0.00	100.00	0.530	3.90	5.52			
176.0	0.00	100.00	9.25	0.00	100.00	0.486	1.33	1.62			
161.4	0.00	100.00	8.48	0.00	100.00	0.446	0.29	0.29			
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	0.14	100.00						
40.35	0.00	100.00	2.121	0.27	99.86						