

Particle Size Analysis -



D50 0.65

-LL

03-27-2020

14:09

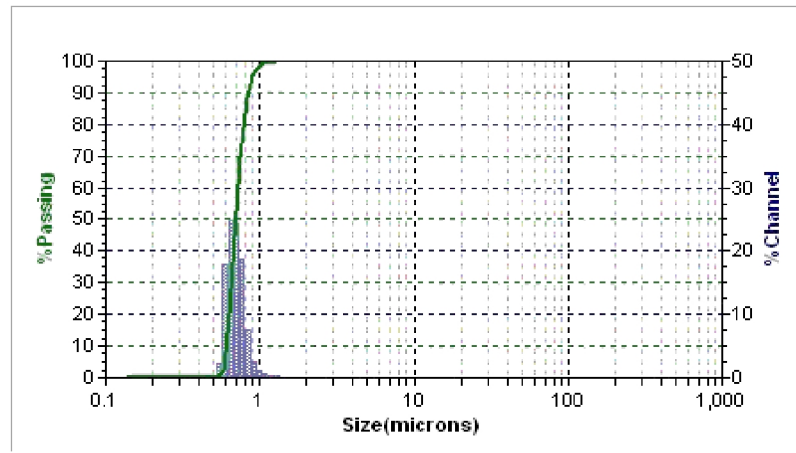
S3000/S3500
S3668

Data Item	Value
MV(um):	0.714
MN(um):	0.681
MA(um):	0.70
CS:	8.55
SD:	0.0910

Size(um)	%Tile

%Tile	Size(um)
5.00	0.588
10.00	0.605
30.00	0.653
40.00	0.676
50.00	0.700
60.00	0.725
90.00	0.833
95.00	0.885
97.00	0.929
99.00	1.043

Dia	Vol%	Width
0.700	100.0	0.18



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Warnings: Laser 2 Power Failure 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:	0.006
Upper Edge:	704	Particle:	CURRENT PARTICLE	Above Residual:	0	Transmission:	0.91
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:	16083	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	0.00	100.00			
645.6	0.00	100.00	33.93	0.00	100.00	1.783	0.00	100.00			
592.0	0.00	100.00	31.11	0.00	100.00	1.635	0.00	100.00			
542.9	0.00	100.00	28.53	0.00	100.00	1.499	0.00	100.00			
497.8	0.00	100.00	26.16	0.00	100.00	1.375	0.15	100.00			
456.5	0.00	100.00	23.99	0.00	100.00	1.261	0.24	99.85			
418.6	0.00	100.00	22.00	0.00	100.00	1.156	0.44	99.61			
383.9	0.00	100.00	20.17	0.00	100.00	1.060	1.14	99.17			
352.0	0.00	100.00	18.50	0.00	100.00	0.972	2.53	98.03			
322.8	0.00	100.00	16.96	0.00	100.00	0.892	7.44	95.50			
296.0	0.00	100.00	15.56	0.00	100.00	0.818	18.83	88.06			
271.4	0.00	100.00	14.27	0.00	100.00	0.750	24.36	69.23			
248.9	0.00	100.00	13.08	0.00	100.00	0.688	24.77	44.87			
228.2	0.00	100.00	12.00	0.00	100.00	0.630	17.87	20.10			
209.3	0.00	100.00	11.00	0.00	100.00	0.578	2.18	2.23			
191.9	0.00	100.00	10.09	0.00	100.00	0.530	0.05	0.05			
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	0.00	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	0.00	100.00						
40.35	0.00	100.00	2.121	0.00	100.00						