

Particle Size Analysis -



500NM

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01-19-2024

14:16

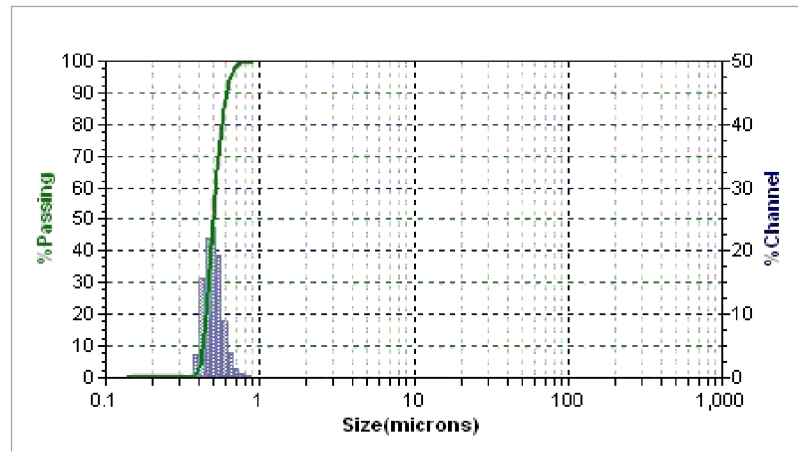
S3000/S3500
S3668

Data Item	Value
MV(um):	0.510
MN(um):	0.483
MA(um):	0.50
CS:	12
SD:	0.0690

Size(um)	%Tile

%Tile	Size(um)
5.00	0.412
10.00	0.425
30.00	0.465
40.00	0.483
50.00	0.501
60.00	0.520
90.00	0.603
95.00	0.643
97.00	0.674
99.00	0.737

Dia	Vol%	Width
0.501	100.0	0.14



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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:	8033	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	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	0.00	100.00			
456.5	0.00	100.00	23.99	0.00	100.00	1.261	0.00	100.00			
418.6	0.00	100.00	22.00	0.00	100.00	1.156	0.00	100.00			
383.9	0.00	100.00	20.17	0.00	100.00	1.060	0.00	100.00			
352.0	0.00	100.00	18.50	0.00	100.00	0.972	0.11	100.00			
322.8	0.00	100.00	16.96	0.00	100.00	0.892	0.20	99.89			
296.0	0.00	100.00	15.56	0.00	100.00	0.818	0.46	99.69			
271.4	0.00	100.00	14.27	0.00	100.00	0.750	1.52	99.23			
248.9	0.00	100.00	13.08	0.00	100.00	0.688	3.80	97.71			
228.2	0.00	100.00	12.00	0.00	100.00	0.630	9.04	93.91			
209.3	0.00	100.00	11.00	0.00	100.00	0.578	19.39	84.87			
191.9	0.00	100.00	10.09	0.00	100.00	0.530	23.62	65.48			
176.0	0.00	100.00	9.25	0.00	100.00	0.486	22.10	41.86			
161.4	0.00	100.00	8.48	0.00	100.00	0.446	15.72	19.76			
148.0	0.00	100.00	7.78	0.00	100.00	0.409	3.67	4.04			
135.7	0.00	100.00	7.13	0.00	100.00	0.375	0.37	0.37			
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						