

Particle Size Analysis -



0-0.5

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11-21-2023

11:47

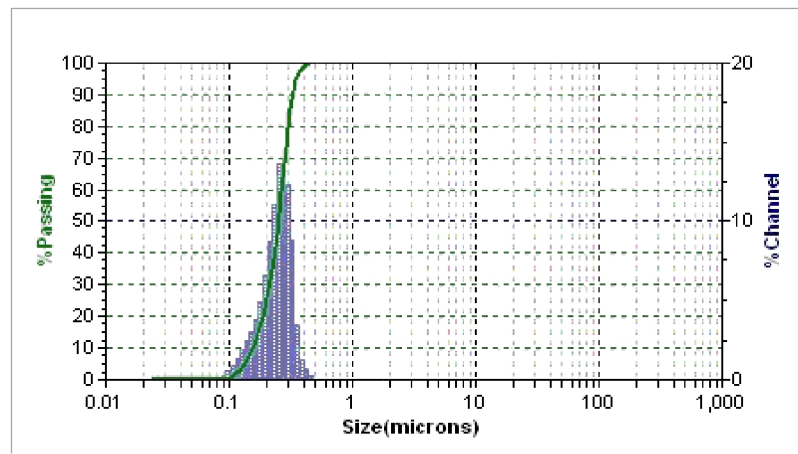
S3000/S3500
S3668

Data Item	Value
MV(um):	0.2470
MN(um):	0.1810
MA(um):	0.23
CS:	26.48
SD:	0.0670

Size(um)	%Tile

%Tile	Size(um)
5.00	0.1330
10.00	0.1560
30.00	0.2130
40.00	0.2330
50.00	0.2500
60.00	0.2660
90.00	0.328
95.00	0.348
97.00	0.365
99.00	0.406

Dia	Vol%	Width
0.2500	100.0	0.14



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Warnings: High Background

Distribution:	Volume	Run Time:	10 Sec	Fluid:	CURRENT CARRIER		
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:	0.93
Lower Edge:	0.021	Transparency:	Transparent	Below Residual:	0		
Residuals:	Disabled	Part. Ref. Index:	2.45			Flow:	35 %
Num. Channels:	120	Part. Shape:	Irregular	Cell ID:	0507	Usonic Power:	N/A
Analysis Mode:	X100					Usonic Time:	N/A
Filter:	Enabled	DB Record:	6364	Recalc Status:		Serial Num:	S3668
Extended Rng:	Enabled	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	0.1020	0.54	0.80
645.6	0.00	100.00	33.93	0.00	100.00	1.783	0.00	100.00	0.0940	0.26	0.26
592.0	0.00	100.00	31.11	0.00	100.00	1.635	0.00	100.00	0.0860	0.00	0.00
542.9	0.00	100.00	28.53	0.00	100.00	1.499	0.00	100.00	0.0790	0.00	0.00
497.8	0.00	100.00	26.16	0.00	100.00	1.375	0.00	100.00	0.0720	0.00	0.00
456.5	0.00	100.00	23.99	0.00	100.00	1.261	0.00	100.00	0.0660	0.00	0.00
418.6	0.00	100.00	22.00	0.00	100.00	1.156	0.00	100.00	0.0610	0.00	0.00
383.9	0.00	100.00	20.17	0.00	100.00	1.060	0.00	100.00	0.0560	0.00	0.00
352.0	0.00	100.00	18.50	0.00	100.00	0.972	0.00	100.00	0.0510	0.00	0.00
322.8	0.00	100.00	16.96	0.00	100.00	0.892	0.00	100.00	0.0470	0.00	0.00
296.0	0.00	100.00	15.56	0.00	100.00	0.818	0.00	100.00	0.0430	0.00	0.00
271.4	0.00	100.00	14.27	0.00	100.00	0.750	0.00	100.00	0.0390	0.00	0.00
248.9	0.00	100.00	13.08	0.00	100.00	0.688	0.00	100.00	0.0360	0.00	0.00
228.2	0.00	100.00	12.00	0.00	100.00	0.630	0.00	100.00	0.0330	0.00	0.00
209.3	0.00	100.00	11.00	0.00	100.00	0.578	0.00	100.00	0.0300	0.00	0.00
191.9	0.00	100.00	10.09	0.00	100.00	0.530	0.00	100.00	0.02790	0.00	0.00
176.0	0.00	100.00	9.25	0.00	100.00	0.486	0.27	100.00	0.02550	0.00	0.00
161.4	0.00	100.00	8.48	0.00	100.00	0.446	0.65	99.73	0.02340	0.00	0.00
148.0	0.00	100.00	7.78	0.00	100.00	0.409	1.22	99.08			
135.7	0.00	100.00	7.13	0.00	100.00	0.375	3.49	97.86			
124.5	0.00	100.00	6.54	0.00	100.00	0.344	8.79	94.37			
114.1	0.00	100.00	6.00	0.00	100.00	0.315	12.27	85.58			
104.7	0.00	100.00	5.50	0.00	100.00	0.2890	14.02	73.31			
95.96	0.00	100.00	5.04	0.00	100.00	0.2650	13.68	59.29			
88.00	0.00	100.00	4.62	0.00	100.00	0.2430	11.04	45.61			
80.70	0.00	100.00	4.24	0.00	100.00	0.2230	8.69	34.57			
74.00	0.00	100.00	3.89	0.00	100.00	0.2040	6.54	25.88			
67.86	0.00	100.00	3.57	0.00	100.00	0.1870	4.93	19.34			
62.23	0.00	100.00	3.27	0.00	100.00	0.1720	3.84	14.41			
57.06	0.00	100.00	2.999	0.00	100.00	0.1580	3.04	10.57			
52.33	0.00	100.00	2.750	0.00	100.00	0.1450	2.51	7.53			
47.98	0.00	100.00	2.522	0.00	100.00	0.1330	1.95	5.02			
44.00	0.00	100.00	2.312	0.00	100.00	0.1220	1.36	3.07			
40.35	0.00	100.00	2.121	0.00	100.00	0.1110	0.91	1.71			