

Particle Size Analysis -



D50= 0.96

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11-16-2019

11:05

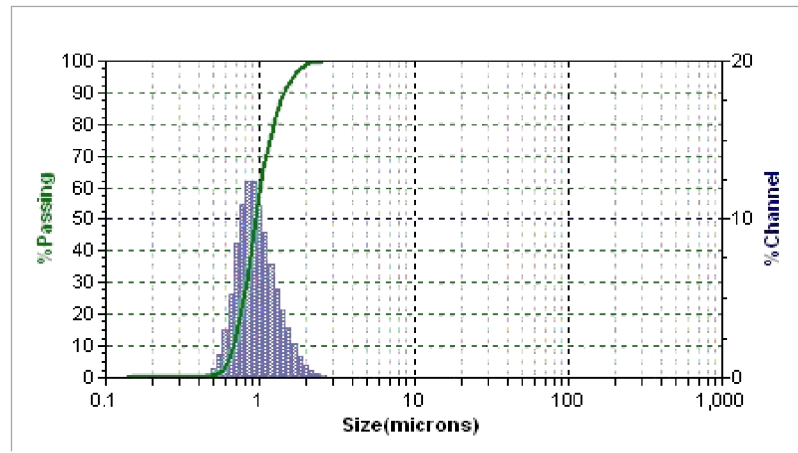
S3000/S3500
S3668

Data Item	Value
MV(um):	1.011
MN(um):	0.804
MA(um):	0.93
CS:	6.47
SD:	0.2860

Size(um)	%Tile

%Tile	Size(um)
5.00	0.624
10.00	0.682
30.00	0.818
40.00	0.877
50.00	0.939
60.00	1.011
90.00	1.442
95.00	1.644
97.00	1.786
99.00	2.077

Dia	Vol%	Width
0.939	100.0	0.57



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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:	0.95
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:	13856	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	1.39	98.36			
645.6	0.00	100.00	33.93	0.00	100.00	1.783	2.12	96.97			
592.0	0.00	100.00	31.11	0.00	100.00	1.635	3.08	94.85			
542.9	0.00	100.00	28.53	0.00	100.00	1.499	4.23	91.77			
497.8	0.00	100.00	26.16	0.00	100.00	1.375	5.55	87.54			
456.5	0.00	100.00	23.99	0.00	100.00	1.261	7.19	81.99			
418.6	0.00	100.00	22.00	0.00	100.00	1.156	9.11	74.80			
383.9	0.00	100.00	20.17	0.00	100.00	1.060	10.83	65.69			
352.0	0.00	100.00	18.50	0.00	100.00	0.972	12.39	54.86			
322.8	0.00	100.00	16.96	0.00	100.00	0.892	12.39	42.47			
296.0	0.00	100.00	15.56	0.00	100.00	0.818	10.91	30.08			
271.4	0.00	100.00	14.27	0.00	100.00	0.750	8.53	19.17			
248.9	0.00	100.00	13.08	0.00	100.00	0.688	5.27	10.64			
228.2	0.00	100.00	12.00	0.00	100.00	0.630	3.01	5.37			
209.3	0.00	100.00	11.00	0.00	100.00	0.578	1.43	2.36			
191.9	0.00	100.00	10.09	0.00	100.00	0.530	0.60	0.93			
176.0	0.00	100.00	9.25	0.00	100.00	0.486	0.25	0.33			
161.4	0.00	100.00	8.48	0.00	100.00	0.446	0.08	0.08			
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	0.12	100.00	0.1450	0.00	0.00			
47.98	0.00	100.00	2.522	0.25	99.88	0.1330	0.00	0.00			
44.00	0.00	100.00	2.312	0.46	99.63						
40.35	0.00	100.00	2.121	0.81	99.17						