

Particle Size Analysis -



2-4

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03-16-2020

14:00

S3000/S3500
S3668

Distribution:	Volume	Run Time:	10 Sec	Fluid:	WATER		
Progression:	Geom 8 Root	Run Num:	1 of 1	Fluid Ref. Index:	1.333	Loading Factor:	0.014
Upper Edge:	704	Particle:	WATER	Above Residual:	0	Transmission:	0.93
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:	15919	Recalc Status:		Serial Num:	S3668
Extended Rng:	Disabled	Database:	C:\Program Files\Microtrac FLEX 10.2.9\Databases\DB2016.MDB				

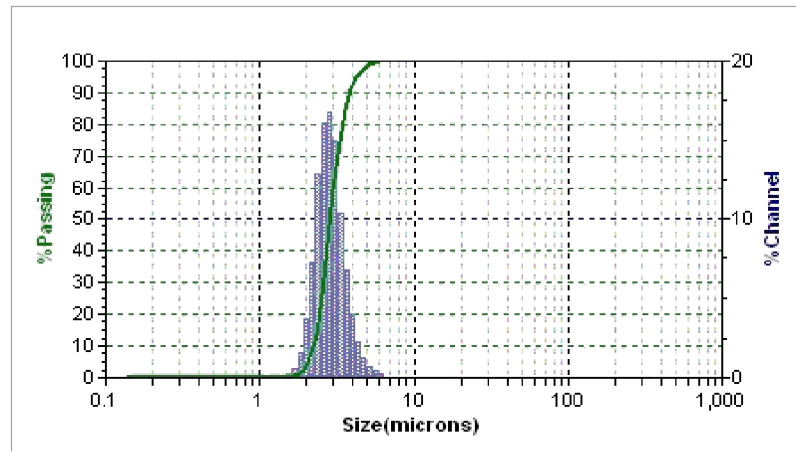
Data Item	Value
MV(um):	2.964
MN(um):	2.597
MA(um):	2.829
CS:	2.121
SD:	0.5990

Size(um)	%Tile

%Tile	Size(um)
5.00	2.075
10.00	2.233
30.00	2.575
40.00	2.717
50.00	2.861
60.00	3.01
90.00	3.82
95.00	4.22
97.00	4.54
99.00	5.23

Dia	Vol%	Width
2.861	100.0	1.20

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	1.54	2.39			
645.6	0.00	100.00	33.93	0.00	100.00	1.783	0.52	0.85			
592.0	0.00	100.00	31.11	0.00	100.00	1.635	0.23	0.33			
542.9	0.00	100.00	28.53	0.00	100.00	1.499	0.10	0.10			
497.8	0.00	100.00	26.16	0.00	100.00	1.375	0.00	0.00			
456.5	0.00	100.00	23.99	0.00	100.00	1.261	0.00	0.00			
418.6	0.00	100.00	22.00	0.00	100.00	1.156	0.00	0.00			
383.9	0.00	100.00	20.17	0.00	100.00	1.060	0.00	0.00			
352.0	0.00	100.00	18.50	0.00	100.00	0.972	0.00	0.00			
322.8	0.00	100.00	16.96	0.00	100.00	0.892	0.00	0.00			
296.0	0.00	100.00	15.56	0.00	100.00	0.818	0.00	0.00			
271.4	0.00	100.00	14.27	0.00	100.00	0.750	0.00	0.00			
248.9	0.00	100.00	13.08	0.00	100.00	0.688	0.00	0.00			
228.2	0.00	100.00	12.00	0.00	100.00	0.630	0.00	0.00			
209.3	0.00	100.00	11.00	0.00	100.00	0.578	0.00	0.00			
191.9	0.00	100.00	10.09	0.00	100.00	0.530	0.00	0.00			
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	0.22	100.00	0.344	0.00	0.00			
114.1	0.00	100.00	6.00	0.42	99.78	0.315	0.00	0.00			
104.7	0.00	100.00	5.50	0.70	99.36	0.2890	0.00	0.00			
95.96	0.00	100.00	5.04	1.26	98.66	0.2650	0.00	0.00			
88.00	0.00	100.00	4.62	2.20	97.40	0.2430	0.00	0.00			
80.70	0.00	100.00	4.24	3.98	95.20	0.2230	0.00	0.00			
74.00	0.00	100.00	3.89	6.80	91.22	0.2040	0.00	0.00			
67.86	0.00	100.00	3.57	10.35	84.42	0.1870	0.00	0.00			
62.23	0.00	100.00	3.27	14.92	74.07	0.1720	0.00	0.00			
57.06	0.00	100.00	2.999	16.80	59.15	0.1580	0.00	0.00			
52.33	0.00	100.00	2.750	16.09	42.35	0.1450	0.00	0.00			
47.98	0.00	100.00	2.522	12.90	26.26	0.1330	0.00	0.00			
44.00	0.00	100.00	2.312	7.25	13.36						
40.35	0.00	100.00	2.121	3.72	6.11						



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Warnings: Laser 2 Power Failure High Background