

Particle Size Analysis -



0-0.5

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03-12-2020

17:10

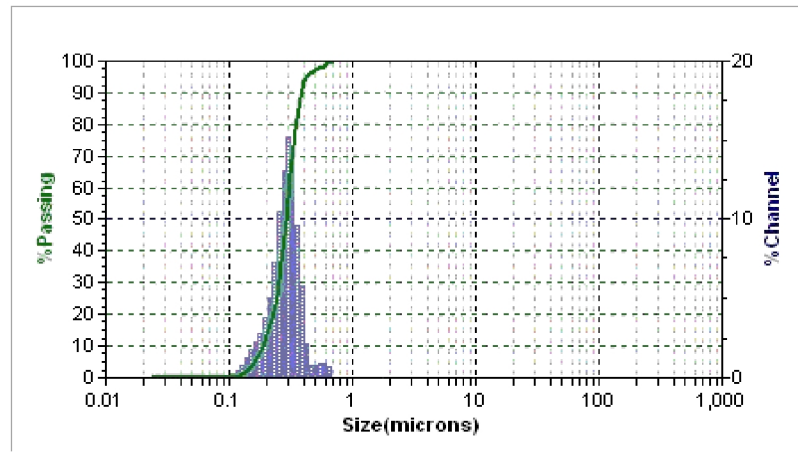
S3000/S3500
S3668

Data Item	Value
MV(um):	0.2930
MN(um):	0.2180
MA(um):	0.27
CS:	22.34
SD:	0.0730

Size(um)	%Tile

%Tile	Size(um)
5.00	0.1610
10.00	0.1890
30.00	0.2530
40.00	0.2720
50.00	0.2900
60.00	0.307
90.00	0.384
95.00	0.424
97.00	0.501
99.00	0.610

Dia	Vol%	Width
0.2900	100.0	0.15



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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:	0.002
Upper Edge:	704	Particle:	WATER	Above Residual:	0	Transmission:	0.96
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:	15859	Recalc Status:		Serial Num:	S3668
Extended Rng:	Enabled	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	0.1020	0.00	0.00
645.6	0.00	100.00	33.93	0.00	100.00	1.783	0.00	100.00	0.0940	0.00	0.00
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	0.66	100.00	0.0360	0.00	0.00
228.2	0.00	100.00	12.00	0.00	100.00	0.630	0.90	99.34	0.0330	0.00	0.00
209.3	0.00	100.00	11.00	0.00	100.00	0.578	0.89	98.44	0.0300	0.00	0.00
191.9	0.00	100.00	10.09	0.00	100.00	0.530	0.82	97.55	0.02790	0.00	0.00
176.0	0.00	100.00	9.25	0.00	100.00	0.486	0.75	96.73	0.02550	0.00	0.00
161.4	0.00	100.00	8.48	0.00	100.00	0.446	2.09	95.98	0.02340	0.00	0.00
148.0	0.00	100.00	7.78	0.00	100.00	0.409	5.81	93.89			
135.7	0.00	100.00	7.13	0.00	100.00	0.375	9.62	88.08			
124.5	0.00	100.00	6.54	0.00	100.00	0.344	13.98	78.46			
114.1	0.00	100.00	6.00	0.00	100.00	0.315	15.17	64.48			
104.7	0.00	100.00	5.50	0.00	100.00	0.2890	13.07	49.31			
95.96	0.00	100.00	5.04	0.00	100.00	0.2650	10.50	36.24			
88.00	0.00	100.00	4.62	0.00	100.00	0.2430	7.26	25.74			
80.70	0.00	100.00	4.24	0.00	100.00	0.2230	5.06	18.48			
74.00	0.00	100.00	3.89	0.00	100.00	0.2040	3.76	13.42			
67.86	0.00	100.00	3.57	0.00	100.00	0.1870	2.83	9.66			
62.23	0.00	100.00	3.27	0.00	100.00	0.1720	2.29	6.83			
57.06	0.00	100.00	2.999	0.00	100.00	0.1580	1.76	4.54			
52.33	0.00	100.00	2.750	0.00	100.00	0.1450	1.23	2.78			
47.98	0.00	100.00	2.522	0.00	100.00	0.1330	0.82	1.55			
44.00	0.00	100.00	2.312	0.00	100.00	0.1220	0.49	0.73			
40.35	0.00	100.00	2.121	0.00	100.00	0.1110	0.24	0.24			