

Particle Size Analysis -



2-4

02-22-2022 10:30

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:	0.004
Upper Edge:	704	Particle:	CURRENT PARTICLE	Above Residual:	0	Transmission:	0.94
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:	27556	Recalc Status:		Serial Num:	S3668
Extended Rng:	Disabled	Database:	C:\Program Files\Microtrac FLEX 10.2.9\Databases\DB2016.MDB				

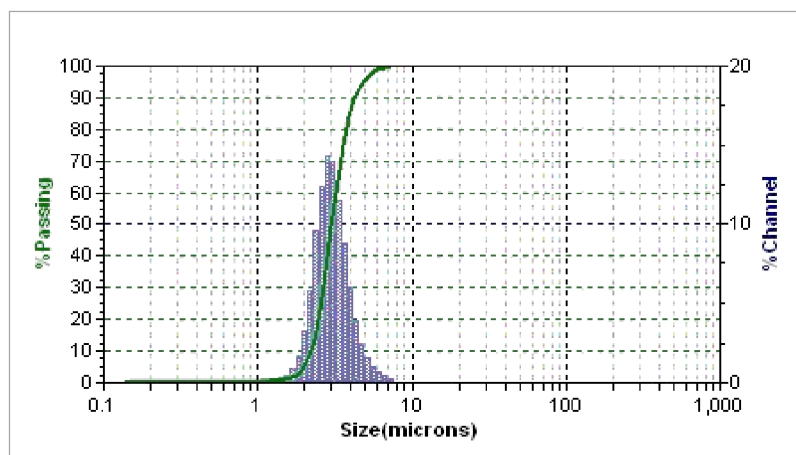
Data Item	Value
MV(um):	3.15
MN(um):	2.477
MA(um):	2.925
CS:	2.051
SD:	0.7610

Size(um)	%Tile

%Tile	Size(um)
5.00	2.000
10.00	2.218
30.00	2.658
40.00	2.835
50.00	3.01
60.00	3.20
90.00	4.26
95.00	4.82
97.00	5.26
99.00	6.22

Dia	Vol%	Width
3.01	100.0	1.52

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	1.72	4.09			
645.6	0.00	100.00	33.93	0.00	100.00	1.783	0.85	2.37			
592.0	0.00	100.00	31.11	0.00	100.00	1.635	0.50	1.52			
542.9	0.00	100.00	28.53	0.00	100.00	1.499	0.31	1.02			
497.8	0.00	100.00	26.16	0.00	100.00	1.375	0.22	0.71			
456.5	0.00	100.00	23.99	0.00	100.00	1.261	0.18	0.49			
418.6	0.00	100.00	22.00	0.00	100.00	1.156	0.18	0.31			
383.9	0.00	100.00	20.17	0.00	100.00	1.060	0.13	0.13			
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	0.24	100.00	0.409	0.00	0.00			
135.7	0.00	100.00	7.13	0.43	99.76	0.375	0.00	0.00			
124.5	0.00	100.00	6.54	0.62	99.33	0.344	0.00	0.00			
114.1	0.00	100.00	6.00	0.98	98.71	0.315	0.00	0.00			
104.7	0.00	100.00	5.50	1.54	97.73	0.2890	0.00	0.00			
95.96	0.00	100.00	5.04	2.49	96.19	0.2650	0.00	0.00			
88.00	0.00	100.00	4.62	3.91	93.70	0.2430	0.00	0.00			
80.70	0.00	100.00	4.24	5.99	89.79	0.2230	0.00	0.00			
74.00	0.00	100.00	3.89	8.86	83.80	0.2040	0.00	0.00			
67.86	0.00	100.00	3.57	11.52	74.94	0.1870	0.00	0.00			
62.23	0.00	100.00	3.27	14.02	63.42	0.1720	0.00	0.00			
57.06	0.00	100.00	2.999	14.30	49.40	0.1580	0.00	0.00			
52.33	0.00	100.00	2.750	12.38	35.10	0.1450	0.00	0.00			
47.98	0.00	100.00	2.522	9.56	22.72	0.1330	0.00	0.00			
44.00	0.00	100.00	2.312	5.78	13.16						
40.35	0.00	100.00	2.121	3.29	7.38						



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Warnings: High Background