

Particle Size Analysis -



2-4

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07-15-2023

11:30

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:	3931	Recalc Status:		Serial Num:	S3668
Extended Rng:	Disabled	Database:	C:\Program Files\Microtrac FLEX 10.2.9\Databases\DB2022\1122.MDB				

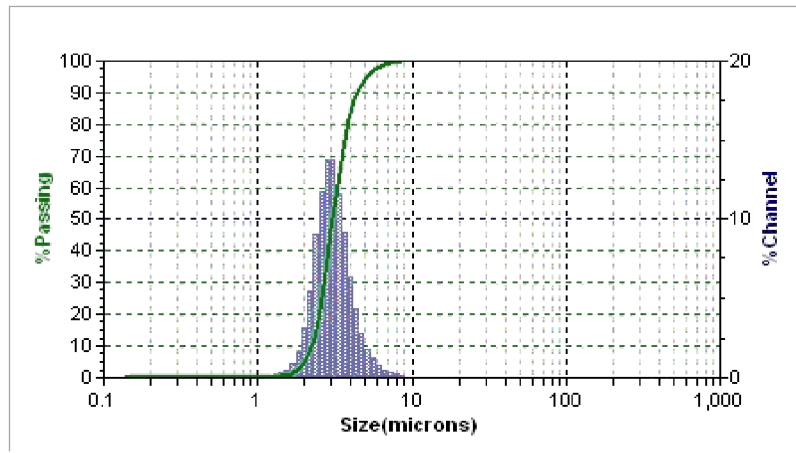
Data Item	Value
MV(um):	3.23
MN(um):	2.568
MA(um):	2.986
CS:	2.01
SD:	0.8060

Size(um)	%Tile

%Tile	Size(um)
5.00	2.026
10.00	2.237
30.00	2.689
40.00	2.873
50.00	3.06
60.00	3.26
90.00	4.41
95.00	5.04
97.00	5.56
99.00	6.77

Dia	Vol%	Width
3.06	100.0	1.61

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	1.68	3.71			
645.6	0.00	100.00	33.93	0.00	100.00	1.783	0.84	2.03			
592.0	0.00	100.00	31.11	0.00	100.00	1.635	0.49	1.19			
542.9	0.00	100.00	28.53	0.00	100.00	1.499	0.31	0.70			
497.8	0.00	100.00	26.16	0.00	100.00	1.375	0.24	0.39			
456.5	0.00	100.00	23.99	0.00	100.00	1.261	0.15	0.15			
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	0.14	100.00	0.486	0.00	0.00			
161.4	0.00	100.00	8.48	0.24	99.86	0.446	0.00	0.00			
148.0	0.00	100.00	7.78	0.34	99.62	0.409	0.00	0.00			
135.7	0.00	100.00	7.13	0.50	99.28	0.375	0.00	0.00			
124.5	0.00	100.00	6.54	0.77	98.78	0.344	0.00	0.00			
114.1	0.00	100.00	6.00	1.18	98.01	0.315	0.00	0.00			
104.7	0.00	100.00	5.50	1.82	96.83	0.2890	0.00	0.00			
95.96	0.00	100.00	5.04	2.84	95.01	0.2650	0.00	0.00			
88.00	0.00	100.00	4.62	4.33	92.17	0.2430	0.00	0.00			
80.70	0.00	100.00	4.24	6.41	87.84	0.2230	0.00	0.00			
74.00	0.00	100.00	3.89	9.17	81.43	0.2040	0.00	0.00			
67.86	0.00	100.00	3.57	11.58	72.26	0.1870	0.00	0.00			
62.23	0.00	100.00	3.27	13.70	60.68	0.1720	0.00	0.00			
57.06	0.00	100.00	2.999	13.75	46.98	0.1580	0.00	0.00			
52.33	0.00	100.00	2.750	11.78	33.23	0.1450	0.00	0.00			
47.98	0.00	100.00	2.522	9.05	21.45	0.1330	0.00	0.00			
44.00	0.00	100.00	2.312	5.52	12.40						
40.35	0.00	100.00	2.121	3.17	6.88						



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Warnings: High Background