

Particle Size Analysis -



0.5-1

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07-03-2023

15:15

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:	0.001
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:	3742	Recalc Status:		Serial Num:	S3668
Extended Rng:	Disabled	Database:	C:\Program Files\Microtrac FLEX 10.2.9\Databases\DB2022\1122.MDB				

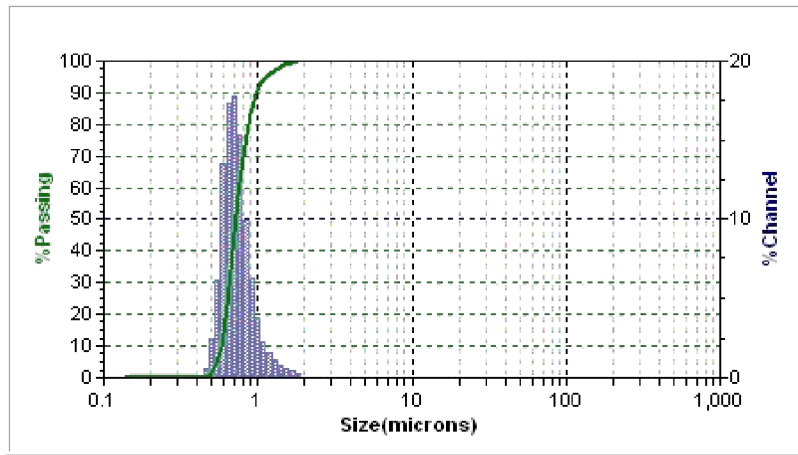
Data Item	Value
MV(um):	0.764
MN(um):	0.673
MA(um):	0.73
CS:	8.26
SD:	0.1480

Size(um)	%Tile

%Tile	Size(um)
5.00	0.549
10.00	0.581
30.00	0.654
40.00	0.688
50.00	0.722
60.00	0.759
90.00	0.986
95.00	1.141
97.00	1.276
99.00	1.558

Dia	Vol%	Width
0.722	100.0	0.30

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	0.25	100.00			
645.6	0.00	100.00	33.93	0.00	100.00	1.783	0.44	99.75			
592.0	0.00	100.00	31.11	0.00	100.00	1.635	0.59	99.31			
542.9	0.00	100.00	28.53	0.00	100.00	1.499	0.80	98.72			
497.8	0.00	100.00	26.16	0.00	100.00	1.375	1.08	97.92			
456.5	0.00	100.00	23.99	0.00	100.00	1.261	1.54	96.84			
418.6	0.00	100.00	22.00	0.00	100.00	1.156	2.25	95.30			
383.9	0.00	100.00	20.17	0.00	100.00	1.060	3.77	93.05			
352.0	0.00	100.00	18.50	0.00	100.00	0.972	6.21	89.28			
322.8	0.00	100.00	16.96	0.00	100.00	0.892	9.92	83.07			
296.0	0.00	100.00	15.56	0.00	100.00	0.818	15.35	73.15			
271.4	0.00	100.00	14.27	0.00	100.00	0.750	17.75	57.80			
248.9	0.00	100.00	13.08	0.00	100.00	0.688	17.30	40.05			
228.2	0.00	100.00	12.00	0.00	100.00	0.630	13.47	22.75			
209.3	0.00	100.00	11.00	0.00	100.00	0.578	6.18	9.28			
191.9	0.00	100.00	10.09	0.00	100.00	0.530	2.44	3.10			
176.0	0.00	100.00	9.25	0.00	100.00	0.486	0.59	0.66			
161.4	0.00	100.00	8.48	0.00	100.00	0.446	0.07	0.07			
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	0.00	100.00	0.1450	0.00	0.00			
47.98	0.00	100.00	2.522	0.00	100.00	0.1330	0.00	0.00			
44.00	0.00	100.00	2.312	0.00	100.00						
40.35	0.00	100.00	2.121	0.00	100.00						



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Warnings: High Background