

Particle Size Analysis -



D50:0.75

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06-16-2023

15:48

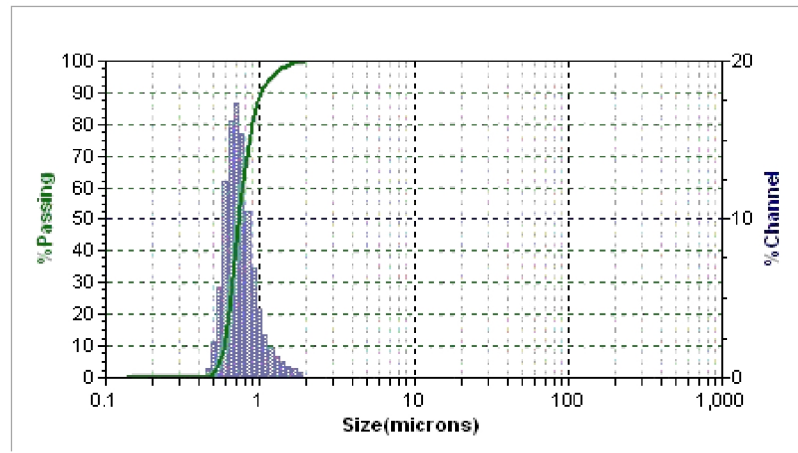
S3000/S3500
S3668

Data Item	Value
MV(um):	0.779
MN(um):	0.680
MA(um):	0.74
CS:	8.13
SD:	0.1590

Size(um)	%Tile

%Tile	Size(um)
5.00	0.553
10.00	0.585
30.00	0.663
40.00	0.698
50.00	0.734
60.00	0.773
90.00	1.021
95.00	1.188
97.00	1.324
99.00	1.595

Dia	Vol%	Width
0.734	100.0	0.32



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Warnings: 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:	0.001
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:	3476	Recalc Status:		Serial Num:	S3668
Extended Rng:	Disabled	Database:	C:\Program Files\Microtrac FLEX 10.2.9\Databases\DB2022\1122.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	0.30	100.00			
645.6	0.00	100.00	33.93	0.00	100.00	1.783	0.51	99.70			
592.0	0.00	100.00	31.11	0.00	100.00	1.635	0.71	99.19			
542.9	0.00	100.00	28.53	0.00	100.00	1.499	0.96	98.48			
497.8	0.00	100.00	26.16	0.00	100.00	1.375	1.30	97.52			
456.5	0.00	100.00	23.99	0.00	100.00	1.261	1.86	96.22			
418.6	0.00	100.00	22.00	0.00	100.00	1.156	2.70	94.36			
383.9	0.00	100.00	20.17	0.00	100.00	1.060	4.36	91.66			
352.0	0.00	100.00	18.50	0.00	100.00	0.972	6.96	87.30			
322.8	0.00	100.00	16.96	0.00	100.00	0.892	10.54	80.34			
296.0	0.00	100.00	15.56	0.00	100.00	0.818	15.44	69.80			
271.4	0.00	100.00	14.27	0.00	100.00	0.750	17.27	54.36			
248.9	0.00	100.00	13.08	0.00	100.00	0.688	16.21	37.09			
228.2	0.00	100.00	12.00	0.00	100.00	0.630	12.37	20.88			
209.3	0.00	100.00	11.00	0.00	100.00	0.578	5.69	8.51			
191.9	0.00	100.00	10.09	0.00	100.00	0.530	2.23	2.82			
176.0	0.00	100.00	9.25	0.00	100.00	0.486	0.53	0.59			
161.4	0.00	100.00	8.48	0.00	100.00	0.446	0.06	0.06			
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						