

Particle Size Analysis -



0-2UM

10-17-2023 15:30

**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:	0.002
Upper Edge:	704	Particle:	CURRENT PARTICLE	Above Residual:	0	Transmission:	0.98
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:	4470	Recalc Status:		Serial Num:	S3668
Extended Rng:	Disabled	Database:	C:\Program Files\Microtrac FLEX 10.2.9\Databases\DB2022\1122.MDB				

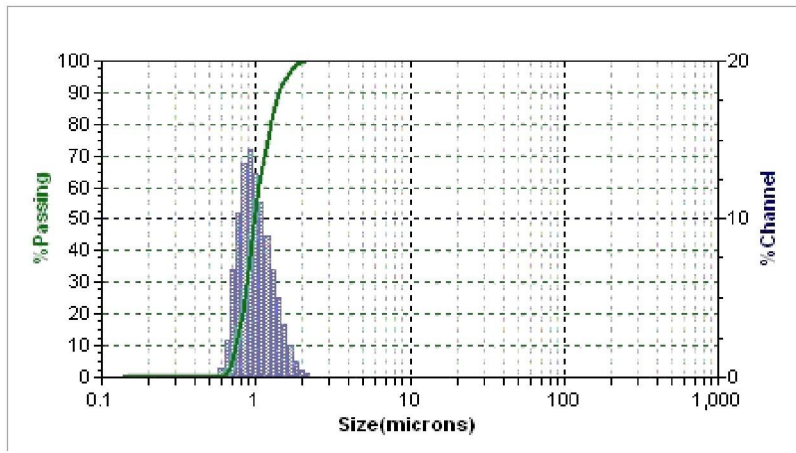
Data Item	Value
MV(um):	1.043
MN(um):	0.891
MA(um):	0.98
CS:	6.1
SD:	0.2570

Size(um)	%Tile

%Tile	Size(um)
5.00	0.709
10.00	0.751
30.00	0.872
40.00	0.925
50.00	0.983
60.00	1.052
90.00	1.421
95.00	1.574
97.00	1.678
99.00	1.880

Dia	Vol%	Width
0.983	100.0	0.51

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	1.04	99.34			
645.6	0.00	100.00	33.93	0.00	100.00	1.783	1.96	98.30			
592.0	0.00	100.00	31.11	0.00	100.00	1.635	3.38	96.34			
542.9	0.00	100.00	28.53	0.00	100.00	1.499	5.01	92.96			
497.8	0.00	100.00	26.16	0.00	100.00	1.375	6.87	87.95			
456.5	0.00	100.00	23.99	0.00	100.00	1.261	8.92	81.08			
418.6	0.00	100.00	22.00	0.00	100.00	1.156	11.05	72.16			
383.9	0.00	100.00	20.17	0.00	100.00	1.060	12.88	61.11			
352.0	0.00	100.00	18.50	0.00	100.00	0.972	14.46	48.23			
322.8	0.00	100.00	16.96	0.00	100.00	0.892	13.57	33.77			
296.0	0.00	100.00	15.56	0.00	100.00	0.818	10.42	20.20			
271.4	0.00	100.00	14.27	0.00	100.00	0.750	6.77	9.78			
248.9	0.00	100.00	13.08	0.00	100.00	0.688	2.40	3.01			
228.2	0.00	100.00	12.00	0.00	100.00	0.630	0.61	0.61			
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	0.00	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	0.18	100.00						
40.35	0.00	100.00	2.121	0.48	99.82						



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Warnings: High Background