

Particle Size Analysis -



W2.5

05-24-2023

10:41

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:	0.003
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:	3001	Recalc Status:		Serial Num:	S3668
Extended Rng:	Disabled	Database:	C:\Program Files\Microtrac FLEX 10.2.9\Databases\DB20221122.MDB				

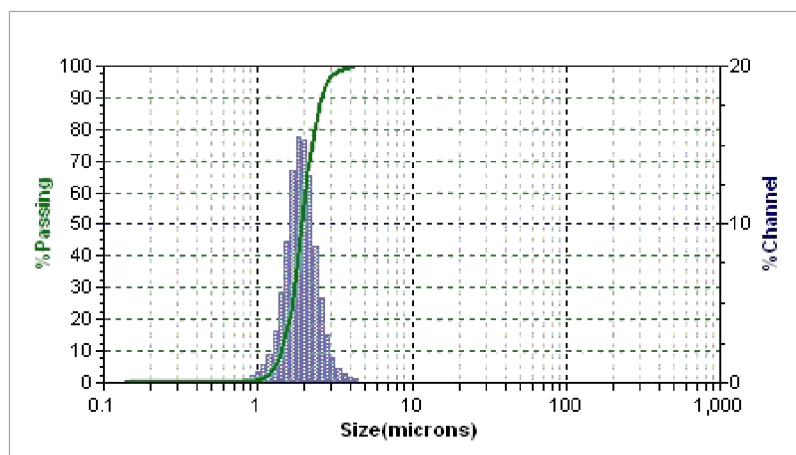
Data Item	Value
MV(um):	1.988
MN(um):	1.653
MA(um):	1.87
CS:	3.2
SD:	0.4320

Size(um)	%Tile

%Tile	Size(um)
5.00	1.291
10.00	1.435
30.00	1.725
40.00	1.829
50.00	1.934
60.00	2.045
90.00	2.594
95.00	2.859
97.00	3.08
99.00	3.59

Dia	Vol%	Width
1.934	100.0	0.87

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	15.48	51.01			
645.6	0.00	100.00	33.93	0.00	100.00	1.783	13.36	35.53			
592.0	0.00	100.00	31.11	0.00	100.00	1.635	8.95	22.17			
542.9	0.00	100.00	28.53	0.00	100.00	1.499	5.69	13.22			
497.8	0.00	100.00	26.16	0.00	100.00	1.375	3.27	7.53			
456.5	0.00	100.00	23.99	0.00	100.00	1.261	1.81	4.26			
418.6	0.00	100.00	22.00	0.00	100.00	1.156	1.10	2.45			
383.9	0.00	100.00	20.17	0.00	100.00	1.060	0.67	1.35			
352.0	0.00	100.00	18.50	0.00	100.00	0.972	0.44	0.68			
322.8	0.00	100.00	16.96	0.00	100.00	0.892	0.24	0.24			
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	0.00	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	0.18	100.00	0.2430	0.00	0.00			
80.70	0.00	100.00	4.24	0.34	99.82	0.2230	0.00	0.00			
74.00	0.00	100.00	3.89	0.52	99.48	0.2040	0.00	0.00			
67.86	0.00	100.00	3.57	0.91	98.96	0.1870	0.00	0.00			
62.23	0.00	100.00	3.27	1.59	98.05	0.1720	0.00	0.00			
57.06	0.00	100.00	2.999	3.02	96.46	0.1580	0.00	0.00			
52.33	0.00	100.00	2.750	5.39	93.44	0.1450	0.00	0.00			
47.98	0.00	100.00	2.522	8.63	88.05	0.1330	0.00	0.00			
44.00	0.00	100.00	2.312	13.07	79.42						
40.35	0.00	100.00	2.121	15.34	66.35						



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Warnings: High Background