

Particle Size Analysis -



1-2UM

05-25-2023

11:14

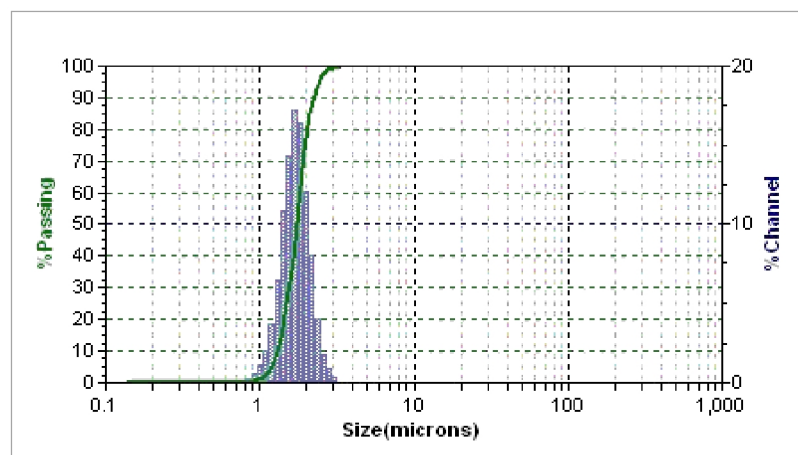
S3000/S3500
S3668

Data Item	Value
MV(um):	1.752
MN(um):	1.520
MA(um):	1.68
CS:	3.58
SD:	0.3540

Size(um)	%Tile

%Tile	Size(um)
5.00	1.188
10.00	1.307
30.00	1.549
40.00	1.641
50.00	1.728
60.00	1.815
90.00	2.230
95.00	2.401
97.00	2.525
99.00	2.794

Dia	Vol%	Width
1.728	100.0	0.71



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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:	0.003
Upper Edge:	704	Particle:	CURRENT PARTICLE	Above Residual:	0	Transmission:	0.97
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:	3020	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	16.42	72.91			
645.6	0.00	100.00	33.93	0.00	100.00	1.783	17.20	56.49			
592.0	0.00	100.00	31.11	0.00	100.00	1.635	14.32	39.29			
542.9	0.00	100.00	28.53	0.00	100.00	1.499	10.80	24.97			
497.8	0.00	100.00	26.16	0.00	100.00	1.375	6.48	14.17			
456.5	0.00	100.00	23.99	0.00	100.00	1.261	3.69	7.69			
418.6	0.00	100.00	22.00	0.00	100.00	1.156	2.06	4.00			
383.9	0.00	100.00	20.17	0.00	100.00	1.060	1.08	1.94			
352.0	0.00	100.00	18.50	0.00	100.00	0.972	0.59	0.86			
322.8	0.00	100.00	16.96	0.00	100.00	0.892	0.27	0.27			
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	0.00	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	0.32	100.00	0.1720	0.00	0.00			
57.06	0.00	100.00	2.999	0.87	99.68	0.1580	0.00	0.00			
52.33	0.00	100.00	2.750	1.84	98.81	0.1450	0.00	0.00			
47.98	0.00	100.00	2.522	4.03	96.97	0.1330	0.00	0.00			
44.00	0.00	100.00	2.312	8.01	92.94						
40.35	0.00	100.00	2.121	12.02	84.93						