Particle Size Analysis -

1

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09-08-2020 13:55

S3000/S3500
S3668

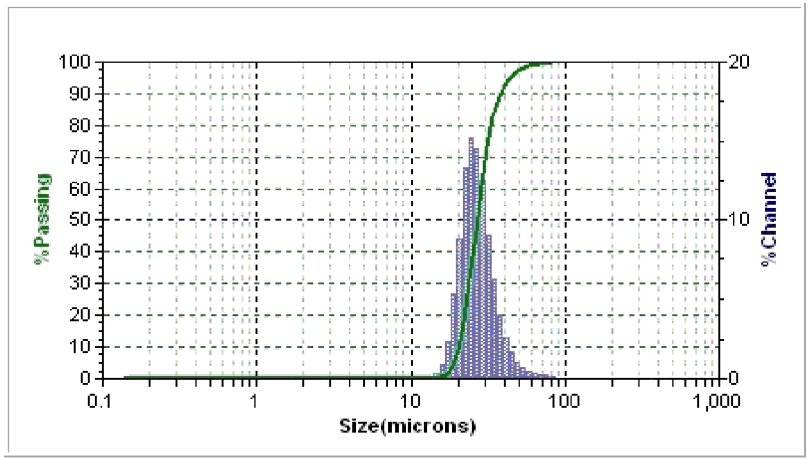
Distribution:	Volume	Run Time:	10 Sec	Fluid:	WATER		
Progression:	Geom 8 Root	Run Num:	1 of 1	Fluid Ref. Index:	1.333	Loading Factor:	0.067
Upper Edge:	704	Particle:	CURRENT PARTICLE	Above Residual:	0	Transmission:	0.95
Lower Edge:	0.122	Transparency:	Transparent	Below Residual:	0		
Residuals:	Disabled	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:	20060	Recalc Status:		Serial Num:	S3668
Extended Rng:	Disabled	Database:	C:\Program Files\Microtrac FLEX 10.2.9\Databases\DB2016.MDB				

Data Item	Value
MV(um):	28.43
MN(um):	23.93
MA(um):	26.60
CS:	2.26E-01
SD:	6.4900

Size(um)	%Tile

%Tile	Size(um)
5.00	18.96
10.00	20.39
30.00	23.82
40.00	25.24
50.00	26.73
60.00	28.37
90.00	37.97
95.00	43.59
97.00	48.38
99.00	60.98

Dia	Vol%	Width
26.73	100.0	12.98



Size(um)	%Chan	% Pass	Size(um)	%Chan	% Pass	Size(um)	%Chan	% Pass	Size(um)	%Chan	% Pass
704.0	0.00	100.00	37.00	6.23	88.66	1.945	0.00	0.00			
645.6	0.00	100.00	33.93	9.01	82.43	1.783	0.00	0.00			
592.0	0.00	100.00	31.11	12.50	73.42	1.635	0.00	0.00			
542.9	0.00	100.00	28.53	14.54	60.92	1.499	0.00	0.00			
497.8	0.00	100.00	26.16	15.22	46.38	1.375	0.00	0.00			
456.5	0.00	100.00	23.99	13.29	31.16	1.261	0.00	0.00			
418.6	0.00	100.00	22.00	8.83	17.87	1.156	0.00	0.00			
383.9	0.00	100.00	20.17	5.32	9.04	1.060	0.00	0.00			
352.0	0.00	100.00	18.50	2.35	3.72	0.972	0.00	0.00			
322.8	0.00	100.00	16.96	0.89	1.37	0.892	0.00	0.00			
296.0	0.00	100.00	15.56	0.36	0.48	0.818	0.00	0.00			
271.4	0.00	100.00	14.27	0.12	0.12	0.750	0.00	0.00			
248.9	0.00	100.00	13.08	0.00	0.00	0.688	0.00	0.00			
228.2	0.00	100.00	12.00	0.00	0.00	0.630	0.00	0.00			
209.3	0.00	100.00	11.00	0.00	0.00	0.578	0.00	0.00			
191.9	0.00	100.00	10.09	0.00	0.00	0.530	0.00	0.00			
176.0	0.00	100.00	9.25	0.00	0.00	0.486	0.00	0.00			
161.4	0.00	100.00	8.48	0.00	0.00	0.446	0.00	0.00			
148.0	0.00	100.00	7.78	0.00	0.00	0.409	0.00	0.00			
135.7	0.00	100.00	7.13	0.00	0.00	0.375	0.00	0.00			
124.5	0.00	100.00	6.54	0.00	0.00	0.344	0.00	0.00			
114.1	0.00	100.00	6.00	0.00	0.00	0.315	0.00	0.00			
104.7	0.00	100.00	5.50	0.00	0.00	0.2890	0.00	0.00			
95.96	0.00	100.00	5.04	0.00	0.00	0.2650	0.00	0.00			
88.00	0.13	100.00	4.62	0.00	0.00	0.2430	0.00	0.00			
80.70	0.20	99.87	4.24	0.00	0.00	0.2230	0.00	0.00			
74.00	0.24	99.67	3.89	0.00	0.00	0.2040	0.00	0.00			
67.86	0.33	99.43	3.57	0.00	0.00	0.1870	0.00	0.00			
62.23	0.47	99.10	3.27	0.00	0.00	0.1720	0.00	0.00			
57.06	0.69	98.63	2.999	0.00	0.00	0.1580	0.00	0.00			
52.33	1.05	97.94	2.750	0.00	0.00	0.1450	0.00	0.00			
47.98	1.64	96.89	2.522	0.00	0.00	0.1330	0.00	0.00			
44.00	2.55	95.25	2.312	0.00	0.00						
40.35	4.04	92.70	2.121	0.00	0.00						

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Warnings: NONE