Particle Size Analysis -

6-12(D50:8.5)

-

03-18-2023 13:49

S3000/S3500
S3668

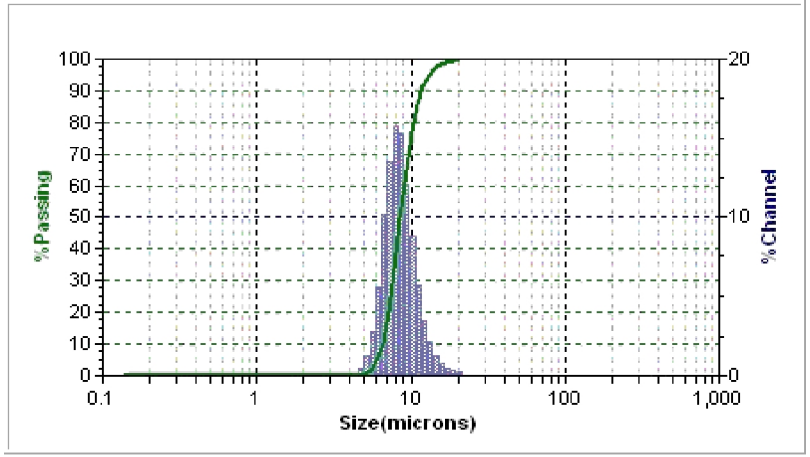
Distribution:	Volume	Run Time:	10 Sec	Fluid:	WATER		
Progression:	Geom 8 Root	Run Num:	1 of 1	Fluid Ref. Index:	1.333	Loading Factor:	0.020
Upper Edge:	704	Particle:	CURRENT PARTICLE	Above Residual:	0	Transmission:	0.96
Lower Edge:	0.122	Transparency:	Transparent	Below Residual:	0		
Residuals:	Disabled	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:	1825	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):	8.90
MN(um):	7.66
MA(um):	8.42
CS:	7.12E-01
SD:	1.9480

Size(um)	%Tile

%Tile	Size(um)
5.00	6.06
10.00	6.54
30.00	7.61
40.00	8.05
50.00	8.50
60.00	9.00
90.00	11.71
95.00	13.11
97.00	14.23
99.00	16.82

Dia	Vol%	Width
8.50	100.0	3.90



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	0.00	0.00			
645.6	0.00	100.00	33.93	0.00	100.00	1.783	0.00	0.00			
592.0	0.00	100.00	31.11	0.00	100.00	1.635	0.00	0.00			
542.9	0.00	100.00	28.53	0.00	100.00	1.499	0.00	0.00			
497.8	0.00	100.00	26.16	0.00	100.00	1.375	0.00	0.00			
456.5	0.00	100.00	23.99	0.00	100.00	1.261	0.00	0.00			
418.6	0.00	100.00	22.00	0.17	100.00	1.156	0.00	0.00			
383.9	0.00	100.00	20.17	0.30	99.83	1.060	0.00	0.00			
352.0	0.00	100.00	18.50	0.46	99.53	0.972	0.00	0.00			
322.8	0.00	100.00	16.96	0.76	99.07	0.892	0.00	0.00			
296.0	0.00	100.00	15.56	1.25	98.31	0.818	0.00	0.00			
271.4	0.00	100.00	14.27	2.13	97.06	0.750	0.00	0.00			
248.9	0.00	100.00	13.08	3.51	94.93	0.688	0.00	0.00			
228.2	0.00	100.00	12.00	5.70	91.42	0.630	0.00	0.00			
209.3	0.00	100.00	11.00	8.88	85.72	0.578	0.00	0.00			
191.9	0.00	100.00	10.09	12.02	76.84	0.530	0.00	0.00			
176.0	0.00	100.00	9.25	15.28	64.82	0.486	0.00	0.00			
161.4	0.00	100.00	8.48	15.77	49.54	0.446	0.00	0.00			
148.0	0.00	100.00	7.78	13.56	33.77	0.409	0.00	0.00			
135.7	0.00	100.00	7.13	10.19	20.21	0.375	0.00	0.00			
124.5	0.00	100.00	6.54	5.58	10.02	0.344	0.00	0.00			
114.1	0.00	100.00	6.00	2.79	4.44	0.315	0.00	0.00			
104.7	0.00	100.00	5.50	1.23	1.65	0.2890	0.00	0.00			
95.96	0.00	100.00	5.04	0.42	0.42	0.2650	0.00	0.00			
88.00	0.00	100.00	4.62	0.00	0.00	0.2430	0.00	0.00			
80.70	0.00	100.00	4.24	0.00	0.00	0.2230	0.00	0.00			
74.00	0.00	100.00	3.89	0.00	0.00	0.2040	0.00	0.00			
67.86	0.00	100.00	3.57	0.00	0.00	0.1870	0.00	0.00			
62.23	0.00	100.00	3.27	0.00	0.00	0.1720	0.00	0.00			
57.06	0.00	100.00	2.999	0.00	0.00	0.1580	0.00	0.00			
52.33	0.00	100.00	2.750	0.00	0.00	0.1450	0.00	0.00			
47.98	0.00	100.00	2.522	0.00	0.00	0.1330	0.00	0.00			
44.00	0.00	100.00	2.312	0.00	0.00						
40.35	0.00	100.00	2.121	0.00	0.00						

2nd zhujiang road,industry and Trade Park of Xushui Town, Zhengzhou cityP.R.C.

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Warnings: High Background