

# Particle Size Analysis -



**5-10**

**02-21-2024**

**08:54**

**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:	0.014
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:	8517	Recalc Status:		Serial Num:	S3668
Extended Rng:	Disabled	Database:	C:\Program Files\Microtrac FLEX 10.2.9\Databases\DB2022\1122.MDB				

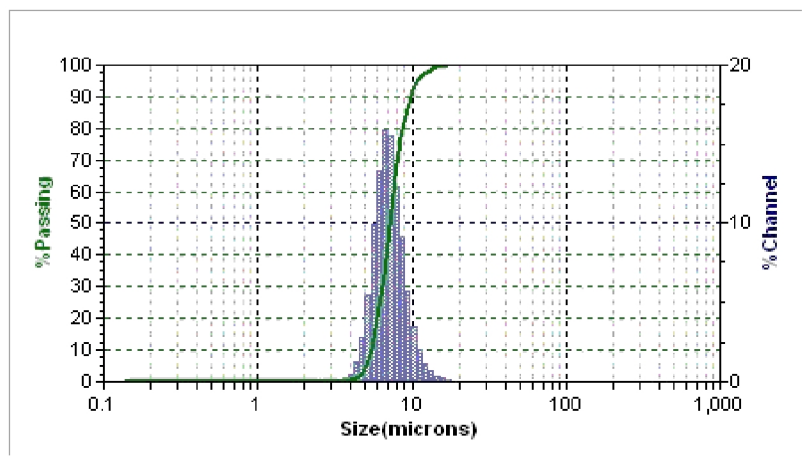
Data Item	Value
MV(um):	<b>7.45</b>
MN(um):	<b>6.38</b>
MA(um):	<b>7.05</b>
CS:	<b>8.50E-01</b>
SD:	<b>1.6180</b>

Size(um)	%Tile

%Tile	Size(um)
<b>5.00</b>	<b>5.06</b>
<b>10.00</b>	<b>5.48</b>
<b>30.00</b>	<b>6.40</b>
<b>40.00</b>	<b>6.78</b>
<b>50.00</b>	<b>7.16</b>
<b>60.00</b>	<b>7.57</b>
<b>90.00</b>	<b>9.75</b>
<b>95.00</b>	<b>10.86</b>
<b>97.00</b>	<b>11.72</b>
<b>99.00</b>	<b>13.73</b>

Dia	Vol%	Width
7.16	100.0	3.24

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	0.00	100.00	1.156	0.00	0.00			
383.9	0.00	100.00	20.17	0.00	100.00	1.060	0.00	0.00			
352.0	0.00	100.00	18.50	0.13	100.00	0.972	0.00	0.00			
322.8	0.00	100.00	16.96	0.24	99.87	0.892	0.00	0.00			
296.0	0.00	100.00	15.56	0.38	99.63	0.818	0.00	0.00			
271.4	0.00	100.00	14.27	0.65	99.25	0.750	0.00	0.00			
248.9	0.00	100.00	13.08	1.13	98.60	0.688	0.00	0.00			
228.2	0.00	100.00	12.00	2.01	97.47	0.630	0.00	0.00			
209.3	0.00	100.00	11.00	3.44	95.46	0.578	0.00	0.00			
191.9	0.00	100.00	10.09	5.75	92.02	0.530	0.00	0.00			
176.0	0.00	100.00	9.25	9.12	86.27	0.486	0.00	0.00			
161.4	0.00	100.00	8.48	12.32	77.15	0.446	0.00	0.00			
148.0	0.00	100.00	7.78	15.49	64.83	0.409	0.00	0.00			
135.7	0.00	100.00	7.13	15.82	49.34	0.375	0.00	0.00			
124.5	0.00	100.00	6.54	13.34	33.52	0.344	0.00	0.00			
114.1	0.00	100.00	6.00	9.92	20.18	0.315	0.00	0.00			
104.7	0.00	100.00	5.50	5.47	10.26	0.2890	0.00	0.00			
95.96	0.00	100.00	5.04	2.75	4.79	0.2650	0.00	0.00			
88.00	0.00	100.00	4.62	1.23	2.04	0.2430	0.00	0.00			
80.70	0.00	100.00	4.24	0.48	0.81	0.2230	0.00	0.00			
74.00	0.00	100.00	3.89	0.23	0.33	0.2040	0.00	0.00			
67.86	0.00	100.00	3.57	0.10	0.10	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						



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Warnings: High Background