



Medallion Labs



Sample ID Number

CS-Microtrac Example Report

Sample Name

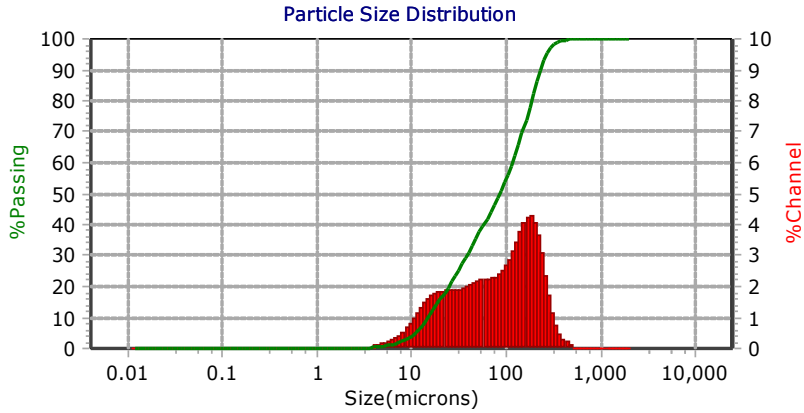
9/15/2020 1:05 PM

Summary	
Data	Value
MV(um):	107.0
MN(um):	6.60
MA(um):	37.88
CS:	1.58E-01
SD:	89.83
Mz:	101.6
σ:	83.99
Ski:	0.355
Kg:	0.779

Percentiles	
%TileSize(um)	
10.00	15.03
20.00	24.36
30.00	38.46
40.00	57.90
50.00	84.66
60.00	117.1
70.00	149.8
80.00	184.1
90.00	229.4
95.00	268.7

Peaks Summary		
Dia(um)	Vol%	Width
84.66	100	179.7

Sample System(Wet)	
Number of Rinses	3
Flow Rate (%)	50%
Deaeration Cycles	2
Ultrasonic Power (W)	40 W
Ultrasonic Time (sec)	30 S



- Tabular Data -

Size(um)	%Chan	%Pass	Size(um)	%Chan	%Pass	Size(um)	%Chan	%Pass	Size(um)	%Chan	%Pass
2000	0.00	100.00	95.97	2.49	53.57	4.63	0.12	0.53	0.2230	0.00	0.00
1826	0.00	100.00	88.00	2.39	51.08	4.24	0.09	0.41	0.2040	0.00	0.00
1674	0.00	100.00	80.70	2.31	48.69	3.89	0.06	0.32	0.1870	0.00	0.00
1535	0.00	100.00	74.00	2.27	46.38	3.57	0.05	0.26	0.1720	0.00	0.00
1408	0.00	100.00	67.86	2.25	44.11	3.27	0.05	0.21	0.1580	0.00	0.00
1291	0.00	100.00	62.23	2.23	41.86	2.999	0.06	0.16	0.1450	0.00	0.00
1184	0.00	100.00	57.06	2.20	39.63	2.750	0.06	0.10	0.1330	0.00	0.00
1086	0.00	100.00	52.33	2.16	37.43	2.522	0.04	0.04	0.1220	0.00	0.00
995.6	0.00	100.00	47.98	2.11	35.27	2.313	0.00	0.00	0.1110	0.00	0.00
913.0	0.00	100.00	44.00	2.05	33.16	2.121	0.00	0.00	0.1020	0.00	0.00
837.2	0.00	100.00	40.35	1.99	31.11	1.945	0.00	0.00	0.0940	0.00	0.00
767.7	0.00	100.00	37.00	1.94	29.12	1.783	0.00	0.00	0.0860	0.00	0.00
704.0	0.00	100.00	33.93	1.90	27.18	1.635	0.00	0.00	0.0790	0.00	0.00
645.6	0.00	100.00	31.11	1.88	25.28	1.499	0.00	0.00	0.0720	0.00	0.00
592.0	0.00	100.00	28.53	1.86	23.40	1.375	0.00	0.00	0.0660	0.00	0.00
542.9	0.00	100.00	26.16	1.87	21.54	1.261	0.00	0.00	0.0610	0.00	0.00
497.8	0.13	100.00	23.99	1.86	19.67	1.156	0.00	0.00	0.0560	0.00	0.00
456.5	0.22	99.87	22.00	1.85	17.81	1.060	0.00	0.00	0.0510	0.00	0.00
418.6	0.31	99.65	20.17	1.83	15.96	0.972	0.00	0.00	0.0470	0.00	0.00
383.9	0.48	99.34	18.50	1.78	14.13	0.892	0.00	0.00	0.0430	0.00	0.00
352.0	0.75	98.86	16.96	1.70	12.35	0.818	0.00	0.00	0.0390	0.00	0.00
322.8	1.15	98.11	15.56	1.60	10.65	0.750	0.00	0.00	0.0360	0.00	0.00
296.0	1.71	96.96	14.27	1.46	9.05	0.688	0.00	0.00	0.0330	0.00	0.00
271.4	2.35	95.25	13.08	1.31	7.59	0.630	0.00	0.00	0.0300	0.00	0.00
248.9	3.09	92.90	12.00	1.15	6.28	0.578	0.00	0.00	0.02790	0.00	0.00
228.2	3.68	89.81	11.00	0.97	5.13	0.530	0.00	0.00	0.02550	0.00	0.00
209.3	4.08	86.13	10.09	0.81	4.16	0.486	0.00	0.00	0.02340	0.00	0.00
191.9	4.28	82.05	9.25	0.66	3.35	0.446	0.00	0.00	0.02150	0.00	0.00
176.0	4.24	77.77	8.48	0.53	2.69	0.409	0.00	0.00	0.01970	0.00	0.00
161.4	4.07	73.53	7.78	0.42	2.16	0.375	0.00	0.00	0.01810	0.00	0.00
148.0	3.77	69.46	7.13	0.34	1.74	0.344	0.00	0.00	0.01660	0.00	0.00
135.7	3.45	65.69	6.54	0.27	1.40	0.315	0.00	0.00	0.01520	0.00	0.00
124.5	3.14	62.24	6.00	0.23	1.13	0.2890	0.00	0.00	0.01390	0.00	0.00
114.1	2.87	59.10	5.50	0.20	0.90	0.2650	0.00	0.00	0.01280	0.00	0.00
104.7	2.66	56.23	5.04	0.17	0.70	0.2430	0.00	0.00	0.01170	0.00	0.00

- Measurement Info -

Title	
Sample Name	
Identifiers	
Sample ID Number	
CS-Microtrac Example Report	
Database Record	1753
Run Number	Avg Of 3
Date	9/15/2020
Time	1:04 PM
Acquired Date	9/15/2020
Acquired Time	1:04 PM
Serial Number	S6861
Sample Cell ID	0323
Calculated Data	
Above Residual	0
Below Residual	0
Loading Factor	0.3016
Trans. L1:L2	0.952:0.968
RMS Residual	0.740%
User Defined Calculations	
Name	Value
Recalculation Status	
Live-Meas : :	Original :

- SOP -

IPA ABSORBING IRREGULAR(*)	
Timing	
Setzero Time	10 (sec)
Run Time	10 (sec)
Number of Runs	3
Multi-Run Delay	0 (min)
Delay First Meas.	Disabled
Analysis	
AI	
Refractive Index	N/A
Transparency	Absorb
Shape	Irregular
IPA	
Refractive Index	1.38
Options:	
Filter	Enabled
Analysis Gain	Default(2)
Analysis Mode	BLUEWAVE
Perspective	
Progression	Geom 8 Root
Distribution	Volume
Upper Edge(um)	2000
Lower Edge(um)	0.0107
Residuals	Disabled

Database:

C:\Microtrac\FLEX 11.1.0.3\Databases\MT Database 2020.MDB