licron Scientific

Malvern

easurement Details	
Sample Name	Average of 'Mixer 2'
SDS	737
SOP File Name	Default 0 + 30us.msop

Measurement Details	
Measurement Date Time	2016/05/10 15:23:21
Analysis Date Time	2016/05/10 15:23:21
Result Source	Averaged

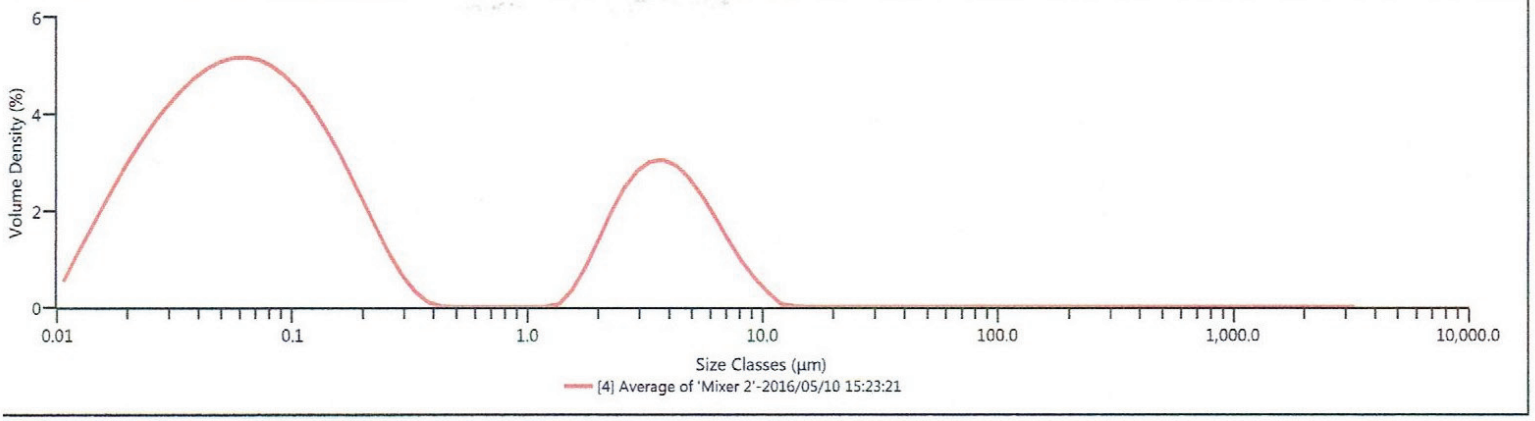
alysis	
Particle Name	Default 0
Dispersant Name	Water
Particle Absorption Index	0.000
Weighted Residual	1.62 %
Analysis Model	General Purpose

Analysis	
Particle Refractive Index	1.520
Dispersant Refractive Index	1.330
Laser Obscuration	14.72 %
Scattering Model	Mie
Analysis Sensitivity	Normal

sult	
Concentration	0.0197 %
Uniformity	12.412
Specific Surface Area	100900 m^2/kg
D [3,2]	0.0566 µm
D [4,3]	1.08 µm

Result	
Span	50.266
Result Units	Volume
Dv (10)	0.0225 µm
Dv (50)	0.0834 µm
Dv (90)	4.21 µm

quency (compatible)



sult

ze (µm)	% Volume Under	Size (µm)	% Volume Under	Size (µm)	% Volume Under	Size (µm)	% Volume Under	Size (µm)	% Volume Under	Size (µm)	% Volume Under	Size (µm)	lume Under
0.0100	0.00	0.0771	47.45	0.594	75.96	4.58	91.61	35.3	100.00	272	100.00	2100	100.00
0.0114	0.44	0.0876	51.62	0.675	75.96	5.21	93.83	40.1	100.00	310	100.00	2390	100.00
0.0129	1.32	0.0995	55.61	0.767	75.96	5.92	95.74	45.6	100.00	352	100.00	2710	100.00
0.0147	2.63	0.113	59.38	0.872	75.96	6.72	97.28	51.8	100.00	400	100.00	3080	100.00
0.0167	4.36	0.128	62.85	0.991	75.96	7.64	98.43	58.9	100.00	454	100.00	3500	100.00
0.0189	6.48	0.146	65.98	1.13	75.96	8.68	99.21	66.9	100.00	516	100.00		
0.0215	8.99	0.166	68.70	1.28	75.96	9.86	99.70	76.0	100.00	586	100.00		
0.0244	11.85	0.188	70.99	1.45	75.98	11.2	99.96	86.4	100.00	666	100.00		
0.0278	15.04	0.214	72.81	1.65	76.26	12.7	100.00	98.1	100.00	756	100.00		
0.0315	18.52	0.243	74.17	1.88	76.92	14.5	100.00	111	100.00	859	100.00		
0.0358	22.25	0.276	75.09	2.13	78.07	16.4	100.00	127	100.00	976	100.00		
0.0407	26.20	0.314	75.63	2.42	79.71	18.7	100.00	144	100.00	1110	100.00		
0.0463	30.31	0.357	75.88	2.75	81.76	21.2	100.00	163	100.00	1260	100.00		
0.0526	34.55	0.405	75.96	3.12	84.12	24.1	100.00	186	100.00	1430	100.00		
0.0597	38.86	0.460	75.96	3.55	86.63	27.4	100.00	211	100.00	1630	100.00		
0.0679	43.18	0.523	75.96	4.03	89.17	31.1	100.00	240	100.00	1850	100.00		