

## Result: Analysis Report

<b>Sample Details</b>		
Sample ID: HSC - 43	Run Number: 15	Measured: Tue 23 Oct 2012 12:20PM
Sample File: HSC1610	Record Number: 30	Analysed: Tue 23 Oct 2012 12:20PM
Sample Path: D:\		Result Source: Analysed
Sample Notes: 23/10/12		

<b>System Details</b>		
Sampler: A1-EA		Measured Beam Obscuration: 12.5 %
Presentation: 5_CAL	[Particle R.I. = ( 1.6800, 0.1000); Dispersant R.I. = 1.4780]	
Analysis Model: Polydisperse		Residual: 1.274 %
Modifications: None		

<b>Result Statistics</b>			
Distribution Type: Volume	Concentration = 0.0041 %Vol	Density = 1.000 g / cub. cm	Specific S.A. = 9.5157 sq. m / g
Mean Diameters:	D (v, 0.1) = 0.20 µm	D (v, 0.5) = 3.75 µm	D (v, 0.9) = 15.21 µm
D [4, 3] = 5.88 µm	D [3, 2] = 0.63 µm	Span = 4.005E+00	Uniformity = 1.306E+00

Size Low (µm)	In %	Size High (µm)	Under%	Size Low (µm)	In %	Size High (µm)	Under%
0.05	0.14	0.06	0.14	5.69	4.32	6.63	64.03
0.06	0.33	0.07	0.48	6.63	4.67	7.72	68.70
0.07	0.56	0.08	1.03	7.72	4.99	9.00	73.69
0.08	0.80	0.09	1.83	9.00	5.04	10.48	78.73
0.09	1.07	0.11	2.90	10.48	4.91	12.21	83.64
0.11	1.34	0.13	4.24	12.21	4.55	14.22	88.19
0.13	1.61	0.15	5.85	14.22	3.96	16.57	92.15
0.15	1.87	0.17	7.72	16.57	3.19	19.31	95.34
0.17	2.10	0.20	9.82	19.31	2.31	22.49	97.65
0.20	2.29	0.23	12.11	22.49	1.49	26.20	99.14
0.23	2.43	0.27	14.54	26.20	0.74	30.53	99.89
0.27	2.49	0.31	17.03	30.53	0.11	35.56	100.00
0.31	2.49	0.36	19.53	35.56	0.00	41.43	100.00
0.36	2.45	0.42	21.97	41.43	0.00	48.27	100.00
0.42	2.36	0.49	24.33	48.27	0.00	56.23	100.00
0.49	2.24	0.58	26.57	56.23	0.00	65.51	100.00
0.58	2.10	0.67	28.66	65.51	0.00	76.32	100.00
0.67	1.96	0.78	30.62	76.32	0.00	88.91	100.00
0.78	1.85	0.91	32.47	88.91	0.00	103.58	100.00
0.91	1.75	1.06	34.22	103.58	0.00	120.67	100.00
1.06	1.66	1.24	35.88	120.67	0.00	140.58	100.00
1.24	1.61	1.44	37.49	140.58	0.00	163.77	100.00
1.44	1.59	1.68	39.08	163.77	0.00	190.80	100.00
1.68	1.63	1.95	40.70	190.80	0.00	222.28	100.00
1.95	1.74	2.28	42.45	222.28	0.00	258.95	100.00
2.28	1.94	2.65	44.39	258.95	0.00	301.68	100.00
2.65	2.24	3.09	46.63	301.68	0.00	351.46	100.00
3.09	2.61	3.60	49.24	351.46	0.00	409.45	100.00
3.60	3.04	4.19	52.28	409.45	0.00	477.01	100.00
4.19	3.49	4.88	55.77	477.01	0.00	555.71	100.00
4.88	3.93	5.69	59.70				

