

Result: Analysis Report

Sample Details

Sample ID: Gypsum Test 1
 Sample File: S10702
 Sample Path: D:\
 Sample Notes: In Calgon, With ultrasound

Run Number: 3
 Record Number: 2

Measured: Thu 7 Feb 2013 10:40AM
 Analysed: Thu 7 Feb 2013 10:40AM
 Result Source: Analysed

System Details

Sampler: <J&A>
 Presentation: 5\$\$D [Fraunhofer]
 Analysis Model: Polydisperse
 Modifications: None

Measured Beam Obscuration: 11.4 %
 Residual: 1.922 %

Result Statistics

Distribution Type: Volume Concentration = 0.0056 %Vol Density = 1.000 g / cub. cm Specific S.A. = 1.8165 sq. m / g
 Mean Diameters: D (v, 0.1) = 1.32 um D (v, 0.5) = 7.07 um D (v, 0.9) = 25.04 um
 D [4, 3] = 10.92 um D [3, 2] = 3.30 um Span = 3.354E+00 Uniformity = 1.080E+00

Size Low (um)	In %	Size High (um)	Under%	Size Low (um)	In %	Size High (um)	Under%
0.05	0.00	0.06	0.00	5.69	5.16	6.63	47.75
0.06	0.00	0.07	0.00	6.63	5.33	7.72	53.09
0.07	0.00	0.08	0.00	7.72	5.42	9.00	58.51
0.08	0.00	0.09	0.00	9.00	5.41	10.48	63.92
0.09	0.00	0.11	0.00	10.48	5.32	12.21	69.24
0.11	0.00	0.13	0.00	12.21	5.15	14.22	74.39
0.13	0.00	0.15	0.00	14.22	4.93	16.57	79.33
0.15	0.00	0.17	0.00	16.57	4.46	19.31	83.79
0.17	0.00	0.20	0.00	19.31	3.87	22.49	87.67
0.20	0.00	0.23	0.00	22.49	3.22	26.20	90.89
0.23	0.05	0.27	0.05	26.20	2.57	30.53	93.46
0.27	0.15	0.31	0.20	30.53	1.96	35.56	95.43
0.31	0.27	0.36	0.47	35.56	1.46	41.43	96.89
0.36	0.41	0.42	0.88	41.43	1.09	48.27	97.97
0.42	0.58	0.49	1.46	48.27	0.86	56.23	98.83
0.49	0.76	0.58	2.22	56.23	0.62	65.51	99.45
0.58	0.96	0.67	3.17	65.51	0.39	76.32	99.84
0.67	1.17	0.78	4.34	76.32	0.16	88.91	100.00
0.78	1.38	0.91	5.72	88.91	0.00	103.58	100.00
0.91	1.60	1.06	7.32	103.58	0.00	120.67	100.00
1.06	1.81	1.24	9.14	120.67	0.00	140.58	100.00
1.24	2.02	1.44	11.16	140.58	0.00	163.77	100.00
1.44	2.23	1.68	13.39	163.77	0.00	190.80	100.00
1.68	2.47	1.95	15.86	190.80	0.00	222.28	100.00
1.95	2.75	2.28	18.61	222.28	0.00	258.95	100.00
2.28	3.06	2.65	21.67	258.95	0.00	301.68	100.00
2.65	3.41	3.09	25.08	301.68	0.00	351.46	100.00
3.09	3.80	3.60	28.88	351.46	0.00	409.45	100.00
3.60	4.21	4.19	33.09	409.45	0.00	477.01	100.00
4.19	4.59	4.88	37.68	477.01	0.00	555.71	100.00
4.88	4.91	5.69	42.59				

