

Result: Histogram Report

Sample Details

Sample ID: ZnO
Sample File: SAMPLE
Sample Path: D:\粒径分析\2012\
Sample Notes: Sample A

Run Number: 20
Record Number: 13

Measured: 2012年5月17日 06:00 上午
Analysed: 2012年5月17日 06:00 上午
Result Source: Analysed

System Details

Sampler: Internal
Presentation: 4OHD
Analysis Model: Polydisperse
Modifications: None

[Particle R.I. = (1.5295, 0.1000); Dispersant R.I. = 1.3300]

Measured Beam Obscuration: 23.6 %

Residual: 0.394 %

Result Statistics

Distribution Type: Volume
Mean Diameters:
D [4, 3] = 0.94 um

Concentration = 0.0049 %Vol
D (v, 0.1) = 0.42 um
D [3, 2] = 0.68 um

Density = 5.600 g / cub. cm
D (v, 0.5) = 0.71 um
Span = 1.494E+00

Specific S.A. = 1.5843 sq. m / g
D (v, 0.9) = 1.48 um
Uniformity = 5.909E-01

Size (um)	Volume Under %	Size (um)	Volume Under %	Size (um)	Volume Under %	Size (um)	Volume Under %
0.400	7.88	2.90	98.10	16.00	99.88	52.00	100.00
0.500	22.00	3.00	98.24	17.00	99.92	55.00	100.00
0.600	36.31	3.20	98.46	18.00	99.95	58.00	100.00
0.700	48.97	3.40	98.64	19.00	99.97	60.00	100.00
0.800	59.44	3.60	98.77	20.00	99.98	63.00	100.00
0.900	67.79	3.80	98.88	21.00	99.99	65.00	100.00
1.00	74.33	4.00	98.96	22.00	100.00	67.00	100.00
1.10	79.39	4.50	99.10	23.00	100.00	70.00	100.00
1.20	83.28	5.00	99.18	24.00	100.00	75.00	100.00
1.30	86.27	5.50	99.22	25.00	100.00	80.00	100.00
1.40	88.59	6.00	99.25	26.00	100.00	85.00	100.00
1.50	90.40	6.50	99.28	27.00	100.00	90.00	100.00
1.60	91.84	7.00	99.30	28.00	100.00	100.00	100.00
1.70	92.99	7.50	99.32	29.00	100.00	110.0	100.00
1.80	93.93	8.00	99.35	30.00	100.00	120.0	100.00
1.90	94.70	8.50	99.38	32.00	100.00	140.0	100.00
2.00	95.34	9.00	99.41	34.00	100.00	150.0	100.00
2.10	95.87	9.50	99.45	36.00	100.00	160.0	100.00
2.20	96.32	10.00	99.49	38.00	100.00	180.0	100.00
2.30	96.71	10.50	99.52	40.00	100.00	200.0	100.00
2.40	97.04	11.00	99.56	42.00	100.00	220.0	100.00
2.50	97.32	12.00	99.64	44.00	100.00	240.0	100.00
2.60	97.56	13.00	99.72	45.00	100.00	260.0	100.00
2.70	97.77	14.00	99.78	48.00	100.00	280.0	100.00
2.80	97.95	15.00	99.84	50.00	100.00	300.0	100.00

