

Result: Histogram Report

User Name: Jacinta Parenzee

Security Level: 1

Sample Details

Sample ID: 72
 Sample File: ORLA
 Sample Path: C:\SIZERS\DATA\CONTRACT\
 Sample Notes: Ash

Run Number: 2
 Record Number: 14

Measured: Mon 23 Jul 2007 3:38p.m.
 Analysed: Mon 23 Jul 2007 3:38p.m.
 Result Source: Analysed

System Details

Range Lens: 300RF mm
 Presentation: 3OHD
 Analysis Model: Polydisperse
 Modifications: None

Beam Length: 2.40 mm
 [Particle R.I. = (1.5295, 0.1000); Dispersant R.I. = 1.3300]

Sampler: MS17

Obscuration: 18.9 %

Residual: 0.811 %

Result Statistics

Distribution Type: Volume
 Mean Diameters:
 D [4, 3] = 20.99 μ m

Concentration = 0.0111 %Vol
 D (v, 0.1) = 1.04 μ m
 D [3, 2] = 2.42 μ m

Density = 2.560 g / cub. cm
 D (v, 0.5) = 9.35 μ m
 Span = 5.667E+00

Specific S.A. = 0.9695 sq. m / g
 D (v, 0.9) = 54.04 μ m
 Uniformity = 1.863E+00

Size (um)	Volume In %	Size (um)	Volume In %	Size (um)	Volume In %	Size (um)	Volume In %
0.050	0.00	3.90	15.75	74.00	1.73	300.0	0.00
0.060	0.16	7.80	16.20	88.00	1.17	350.0	0.00
0.120	1.32	15.60	15.98	105.0	0.73	420.0	0.00
0.240	3.50	31.00	4.11	125.0	0.49	500.0	0.00
0.490	2.06	37.00	3.86	149.0	0.37	590.0	0.00
0.700	2.42	44.00	3.77	177.0	0.32	710.0	0.00
0.980	8.29	53.00	2.97	210.0	0.27	840.0	0.00
2.00	12.22	63.00	2.20	250.0	0.13	1000.0	0.00
3.90		74.00		300.0		2000.0	0.00

