

Result: Histogram Report

User Name: Jacinta Parenzee

Security Level: 1

Sample Details

Sample ID: 167
Sample File: ORLA
Sample Path: C:\SIZERS\DATA\CONTRACT\
Sample Notes: Ash

Run Number: 7
Record Number: 17

Measured: Mon 23 Jul 2007 3:59p.m.
Analysed: Mon 23 Jul 2007 3:59p.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: 19.4 %

Residual: 0.697 %

Result Statistics

Distribution Type: Volume
Mean Diameters:
D [4, 3] = 18.79 um

Concentration = 0.0089 %Vol
D (v, 0.1) = 0.62 um
D [3, 2] = 1.70 um

Density = 2.560 g / cub. cm
D (v, 0.5) = 6.00 um
Span = 7.788E+00

Specific S.A. = 1.3812 sq. m / g
D (v, 0.9) = 47.36 um
Uniformity = 2.755E+00

Size (um)	Volume In %	Size (um)	Volume In %	Size (um)	Volume In %	Size (um)	Volume In %
0.050	0.01	3.90	15.52	74.00	1.19	300.0	0.00
0.060	0.26	7.80	14.66	88.00	1.05	350.0	0.00
0.120	2.19	15.60	13.58	105.0	0.91	420.0	0.00
0.240	5.55	31.00	2.79	125.0	0.81	500.0	0.00
0.490	3.09	37.00	2.34	149.0	0.69	590.0	0.00
0.700	3.49	44.00	2.11	177.0	0.57	710.0	0.00
0.980	11.23	53.00	1.63	210.0	0.42	840.0	0.00
2.00	14.41	63.00	1.29	250.0	0.22	1000.0	0.00
3.90		74.00		300.0		2000.0	0.00

