

Result: Histogram Report

User Name: Jacinta Parenzee

Security Level: 1

Sample Details

Sample ID: 22
 Sample File: ORLA
 Sample Path: C:\SIZERS\DATA\
 Sample Notes: Mahoenui Group mudstones, core

Run Number: 1
 Record Number: 1

Measured: Sat 12 Jan 2008 9:49a.m.
 Analysed: Sat 12 Jan 2008 9:49a.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: 20.5 %

Residual: 0.521 %

Result Statistics

Distribution Type: Volume
 Mean Diameters:
 D [4, 3] = 29.85 μm

Concentration = 0.0150 %Vol
 D (v, 0.1) = 1.30 μm
 D [3, 2] = 3.01 μm

Density = 2.560 g / cub. cm
 D (v, 0.5) = 16.57 μm
 Span = 4.090E+00

Specific S.A. = 0.7774 sq. m / g
 D (v, 0.9) = 69.09 μm
 Uniformity = 1.464E+00

Size (um)	Volume In %	Size (um)	Volume In %	Size (um)	Volume In %	Size (um)	Volume In %
0.050	0.00	3.90	11.83	74.00	2.59	300.0	0.12
0.060	0.07	7.80	13.31	88.00	1.72	350.0	0.00
0.120	0.98	15.60	17.99	105.0	1.06	420.0	0.00
0.240	3.17	31.00	5.68	125.0	0.70	500.0	0.00
0.490	1.76	37.00	5.57	149.0	0.71	590.0	0.00
0.700	1.93	44.00	5.60	177.0	0.81	710.0	0.00
0.980	6.38	53.00	4.48	210.0	0.62	840.0	0.00
2.00	9.24	63.00	3.32	250.0	0.36	1000.0	0.00
3.90		74.00		300.0		2000.0	0.00

