

## Result: Histogram Report

User Name: Jacinta Parenzee

Security Level: 1

### Sample Details

Sample ID: 138  
 Sample File: ORLA  
 Sample Path: C:\SIZERS\DATA\CONTRACT\  
 Sample Notes: Upper Steel Grade seam

Run Number: 4  
 Record Number: 7

Measured: Tue 10 Jul 2007 5:04p.m.  
 Analysed: Tue 10 Jul 2007 5:04p.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: 19.1 %

Residual: 1.888 %

### Result Statistics

Distribution Type: Volume  
 Mean Diameters:  
 D [4, 3] = 15.69  $\mu$ m

Concentration = 0.0140 %Vol  
 D (v, 0.1) = 1.83  $\mu$ m  
 D [3, 2] = 4.82  $\mu$ m

Density = 2.560 g / cub. cm  
 D (v, 0.5) = 10.98  $\mu$ m  
 Span = 3.073E+00

Specific S.A. = 0.4862 sq. m / g  
 D (v, 0.9) = 35.58  $\mu$ m  
 Uniformity = 9.813E-01

Size (um)	Volume In %	Size (um)	Volume In %	Size (um)	Volume In %	Size (um)	Volume In %
0.050	0.00	3.90	16.77	74.00	0.74	300.0	0.00
0.060	0.00	7.80	23.98	88.00	0.25	350.0	0.00
0.120	0.00	15.60	23.81	105.0	0.00	420.0	0.00
0.240	0.00	31.00	4.04	125.0	0.00	500.0	0.00
0.490	1.30	37.00	3.01	149.0	0.00	590.0	0.00
0.700	2.35	44.00	2.41	177.0	0.00	710.0	0.00
0.980	7.48	53.00	1.68	210.0	0.00	840.0	0.00
2.00	11.06	63.00	1.13	250.0	0.00	1000.0	0.00
3.90		74.00		300.0	0.00	2000.0	0.00

