

## Result Analysis Report

**Sample Name:**

400\_420d

**SOP Name:**

Marine Sediment

**Measured:**

Wednesday, 4 July 2007 3:57:12 p.m.

**Sample Source & type:**

A31

**Measured by:**

gmdr1

**Analysed:**

Wednesday, 4 July 2007 3:57:13 p.m.

**Sample bulk lot ref:**
**Result Source:**

Measurement

**Particle Name:**

Marine Sediment

**Accessory Name:**

None

**Analysis model:**

General purpose

**Sensitivity:**

Enhanced

**Particle RI:**

1.500

**Absorption:**

0

**Size range:**

0.020 to 2000.000  $\mu\text{m}$

**Obscuration:**

18.66 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

1.260 %

**Result Emulation:**

Off

**Concentration:**

0.0629 %Vol

**Span :**

2.220

**Uniformity:**

0.659

**Result units:**

Volume

**Specific Surface Area:**

0.213  $\text{m}^2/\text{g}$

**Surface Weighted Mean D[3,2]:**

28.149  $\mu\text{m}$

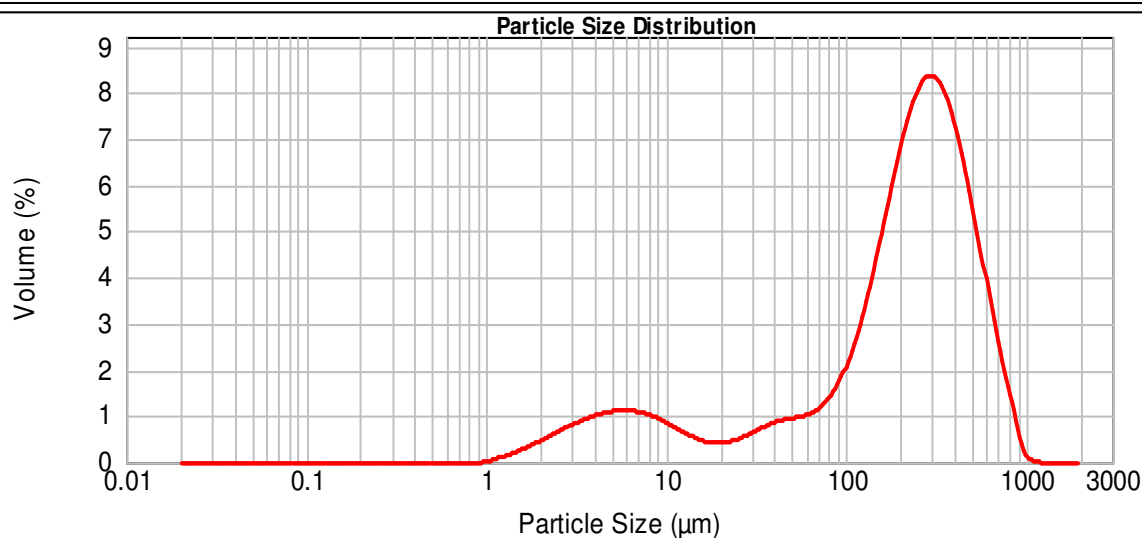
**Vol. Weighted Mean D[4,3]:**

258.095  $\mu\text{m}$

**d(0.1): 8.855  $\mu\text{m}$**

**d(0.5): 232.948  $\mu\text{m}$**

**d(0.9): 525.937  $\mu\text{m}$**



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Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.060	0.00	3.900	4.94	53.000	1.14	149.000	5.91	420.000	7.26	2000.000	0.00
0.120	0.00	7.800	3.51	63.000	1.18	177.000	7.34	500.000	5.26	4000.000	0.00
0.241	0.00	15.600	2.20	74.000	1.58	210.000	8.73	590.000	3.91		
0.490	0.00	31.000	0.86	88.000	2.23	250.000	9.88	710.000	1.94		
0.980	0.97	37.000	0.98	105.000	3.17	300.000	8.34	840.000	0.63		
2.000	3.26	44.000	1.15	125.000	4.50	350.000	9.08	1000.000	0.05		
3.900		53.000		149.000		420.000		2000.000			

**Operator notes:**