

## Result Analysis Report

**Sample Name:**

480\_500d

**SOP Name:**

Marine Sediment

**Measured:**

Wednesday, 4 July 2007 4:49:11 p.m.

**Sample Source & type:**

A35

**Measured by:**

gmdr1

**Analysed:**

Wednesday, 4 July 2007 4:49:12 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:**

17.66 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.314 %

**Result Emulation:**

Off

**Concentration:**

0.0341 %Vol

**Span :**

4.550

**Uniformity:**

1.49

**Result units:**

Volume

**Specific Surface Area:**

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

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

16.087  $\mu\text{m}$

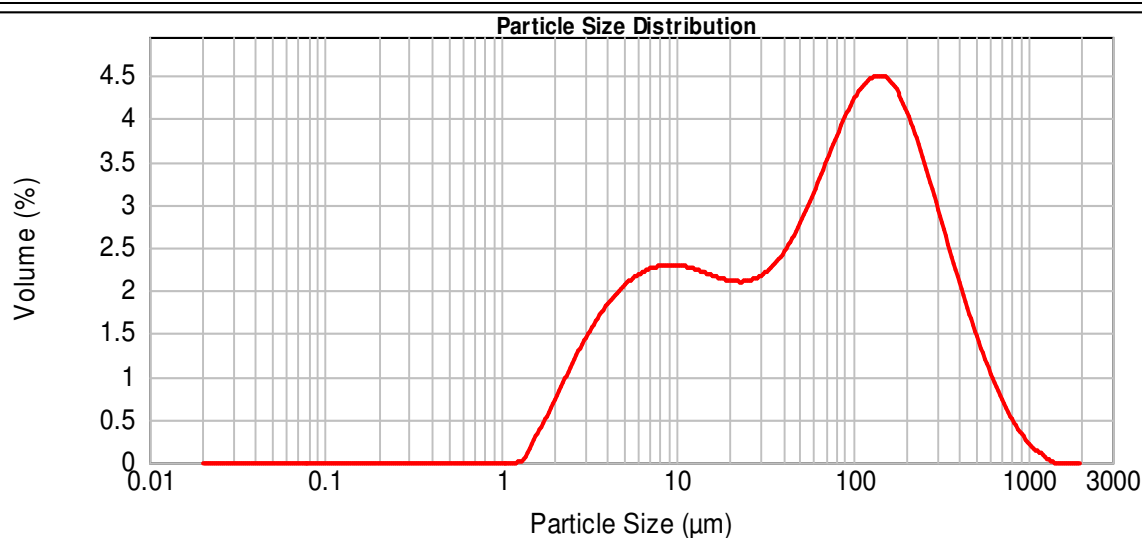
**Vol. Weighted Mean D[4,3]:**

124.835  $\mu\text{m}$

**d(0.1): 5.134  $\mu\text{m}$**

**d(0.5): 69.247  $\mu\text{m}$**

**d(0.9): 320.243  $\mu\text{m}$**



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Size ( $\mu\text{m}$ )	Volume In %
0.060	0.00
0.120	0.00
0.241	0.00
0.490	0.00
0.980	0.00
2.000	0.88
3.900	5.61

Size ( $\mu\text{m}$ )	Volume In %
3.900	9.52
7.800	10.25
15.600	9.56
31.000	2.60
37.000	2.76
44.000	3.29
53.000	3.29

Size ( $\mu\text{m}$ )	Volume In %
53.000	3.45
63.000	3.60
74.000	4.29
88.000	4.77
105.000	5.00
125.000	5.16
149.000	5.16

Size ( $\mu\text{m}$ )	Volume In %
149.000	4.99
177.000	4.70
210.000	4.35
250.000	3.95
300.000	2.82
350.000	2.71
420.000	2.71

Size ( $\mu\text{m}$ )	Volume In %
420.000	2.00
500.000	1.42
590.000	1.10
710.000	0.63
840.000	0.37
1000.000	0.20
2000.000	0.20

Size ( $\mu\text{m}$ )	Volume In %
2000.000	0.00
4000.000	0.00

Operator notes: