

## Result Analysis Report

**Sample Name:**

500\_520e

**SOP Name:**

Marine Sediment

**Measured:**

Wednesday, 27 June 2007 1:30:33 p.m.

**Sample Source & type:**

A36

**Measured by:**

gmdr1

**Analysed:**

Wednesday, 27 June 2007 1:30:34 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:**

15.38 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.362 %

**Result Emulation:**

Off

**Concentration:**

0.0348 %Vol

**Span :**

3.293

**Uniformity:**

1.04

**Result units:**

Volume

**Specific Surface Area:**

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

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

18.065  $\mu\text{m}$

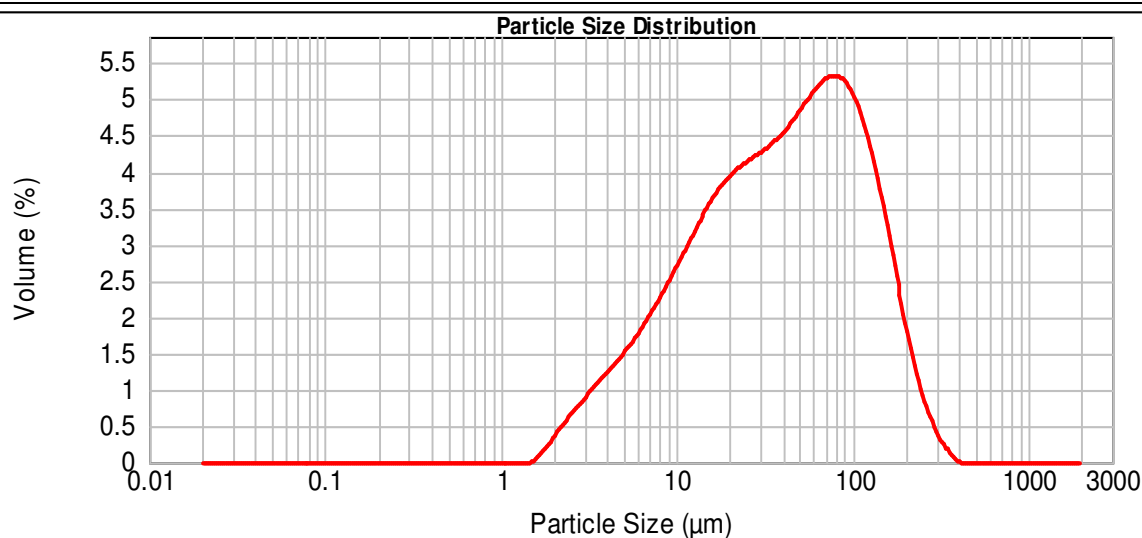
**Vol. Weighted Mean D[4,3]:**

59.669  $\mu\text{m}$

**d(0.1): 7.121  $\mu\text{m}$**

**d(0.5): 40.326  $\mu\text{m}$**

**d(0.9): 139.916  $\mu\text{m}$**



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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	0.27
3.900	3.45

Size ( $\mu\text{m}$ )	Volume In %
3.900	7.56
7.800	13.22
15.600	17.93
31.000	5.05
37.000	5.14
44.000	5.82
53.000	5.82

Size ( $\mu\text{m}$ )	Volume In %
53.000	5.71
63.000	5.53
74.000	6.02
88.000	5.94
105.000	5.33
125.000	4.53
149.000	4.53

Size ( $\mu\text{m}$ )	Volume In %
149.000	3.43
177.000	2.38
210.000	1.50
250.000	0.81
300.000	0.28
350.000	0.07
420.000	0.07

Size ( $\mu\text{m}$ )	Volume In %
420.000	0.00
500.000	0.00
590.000	0.00
710.000	0.00
840.000	0.00
1000.000	0.00
2000.000	0.00

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

**Operator notes:**