

## Result Analysis Report

**Sample Name:**

110\_120c

**SOP Name:**

Marine Sediment

**Measured:**

Thursday, 7 June 2007 6:28:27 p.m.

**Sample Source & type:**

19

**Measured by:**

gmdr1

**Analysed:**

Thursday, 7 June 2007 6:28:28 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:**

11.01 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.569 %

**Result Emulation:**

Off

**Concentration:**

0.0530 %Vol

**Span :**

2.481

**Uniformity:**

0.791

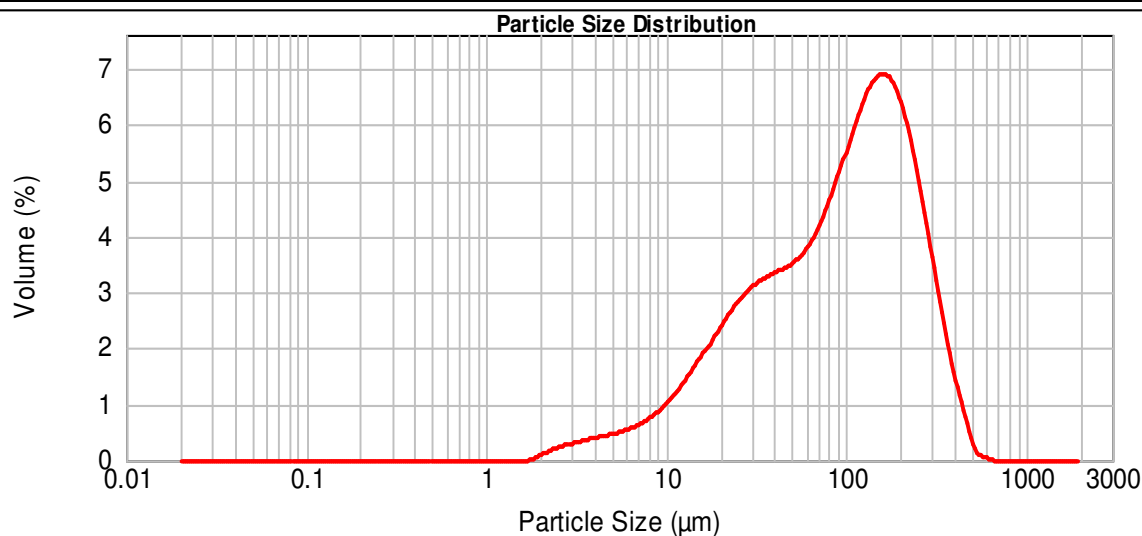
**Result units:**

Volume

**Specific Surface Area:**

0.159  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

37.731  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

121.725  $\mu\text{m}$ 
**d(0.1): 16.936  $\mu\text{m}$** 
**d(0.5): 99.074  $\mu\text{m}$** 
**d(0.9): 262.692  $\mu\text{m}$** 


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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	0.03
3.900	1.15

Size ( $\mu\text{m}$ )	Volume In %
3.900	2.37
7.800	5.42
15.600	11.52
31.000	3.74
37.000	3.80
44.000	4.24
53.000	4.18

Size ( $\mu\text{m}$ )	Volume In %
53.000	4.18
63.000	4.28
74.000	5.23
88.000	6.19
105.000	6.99
125.000	7.71
149.000	7.77

Size ( $\mu\text{m}$ )	Volume In %
149.000	7.77
177.000	7.33
210.000	6.48
250.000	5.24
300.000	3.08
350.000	2.17
420.000	0.95

Size ( $\mu\text{m}$ )	Volume In %
420.000	0.95
500.000	0.15
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:**