

## Result Analysis Report

**Sample Name:**

380\_400a

**SOP Name:**

Marine Sediment

**Measured:**

Tuesday, 19 June 2007 11:19:28 a.m.

**Sample Source & type:**

a6

**Measured by:**

gmdr1

**Analysed:**

Tuesday, 19 June 2007 11:19:29 a.m.

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

Measurement

**Particle Name:**

Marine Sediment

**Accessory Name:**

Hydro 2000G (A)

**Analysis model:**

General purpose

**Sensitivity:**

Enhanced

**Particle RI:**

1.500

**Absorption:**

0

**Size range:**

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

**Obscuration:**

14.86 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.334 %

**Result Emulation:**

Off

**Concentration:**

0.0424 %Vol

**Span :**

2.333

**Uniformity:**

0.866

**Result units:**

Volume

**Specific Surface Area:**

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

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

20.799  $\mu\text{m}$

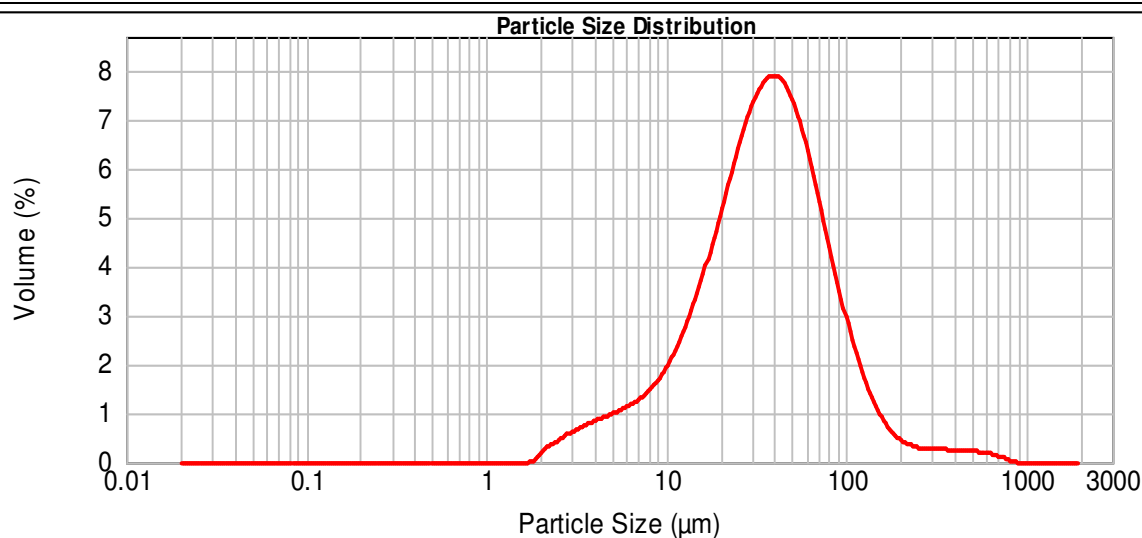
**Vol. Weighted Mean D[4,3]:**

50.395  $\mu\text{m}$

**d(0.1): 10.005  $\mu\text{m}$**

**d(0.5): 35.563  $\mu\text{m}$**

**d(0.9): 92.964  $\mu\text{m}$**



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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	0.04
2.000	0.04
3.900	2.38

Size ( $\mu\text{m}$ )	Volume In %
3.900	4.91
7.800	10.47
15.600	25.32
31.000	8.90
37.000	8.93
44.000	8.93
53.000	9.18

Size ( $\mu\text{m}$ )	Volume In %
53.000	7.60
63.000	5.94
74.000	5.02
88.000	3.69
105.000	2.45
125.000	1.56
149.000	1.56

Size ( $\mu\text{m}$ )	Volume In %
149.000	0.93
177.000	0.57
210.000	0.40
250.000	0.34
300.000	0.27
350.000	0.31
420.000	0.31

Size ( $\mu\text{m}$ )	Volume In %
420.000	0.28
500.000	0.23
590.000	0.19
710.000	0.08
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: