

## Result Analysis Report

**Sample Name:**

20\_30a

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 15 June 2007 5:16:29 p.m.

**Sample Source & type:**

4

**Measured by:**

gmdr1

**Analysed:**

Friday, 15 June 2007 5:16:30 p.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:**

13.47 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.331 %

**Result Emulation:**

Off

**Concentration:**

0.0285 %Vol

**Span :**

4.050

**Uniformity:**

1.35

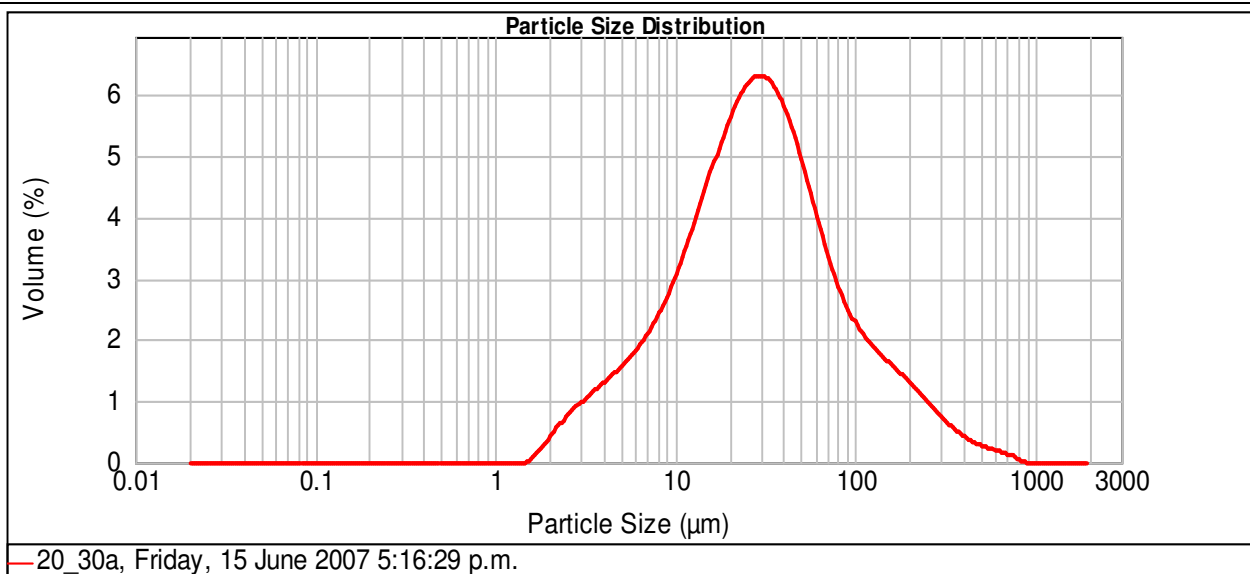
**Result units:**

Volume

**Specific Surface Area:**

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

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

53.391  $\mu\text{m}$ 
**d(0.1): 6.786  $\mu\text{m}$** 
**d(0.5): 28.647  $\mu\text{m}$** 
**d(0.9): 122.797  $\mu\text{m}$** 


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	7.85	53.000	4.88	149.000	1.76	420.000	0.38	2000.000	0.00
0.120	0.00	7.800	15.39	63.000	3.74	177.000	1.51	500.000	0.26	4000.000	0.00
0.241	0.00	15.600	25.90	74.000	3.29	210.000	1.28	590.000	0.20		
0.490	0.00	31.000	7.18	88.000	2.74	250.000	1.04	710.000	0.08		
0.980	0.31	37.000	6.58	105.000	2.30	300.000	0.66	840.000	0.00		
2.000	3.82	44.000	6.24	125.000	2.03	350.000	0.57	1000.000	0.00		
3.900		53.000		149.000		420.000		2000.000	0.00		

**Operator notes:**