

**RESULT ANALYSIS REPORT**

**Sample Name:**

TFS

**Sample Source & Type**

Sana Minerals (Pvt.) Ltd.

**Sample bulk lot ref:**

123-ABC

**SOP Name:**

TFS

**Measured by:**

MASTERSIZER 2000

**Result Source:**

Measurement

**Measured**

20:37:01

**Analysed:**

20:37:02

**Particle Name**

CaCO<sub>3</sub> (1.53)low

**Particle RI:**

1.530

**Dispersant Name**

Water

**Accessory Name:**

Hydro 2000G (A)

**Absorption:**

0.1

**Dispersant RI:**

1.330

**Analysis Model:**

General Purpose

**Size range:**

0.020 to 2000.000  $\mu$ m

**Weighted Residual:**

2.963 %

**Sensitivity:**

Enhanced

**Obscuration:**

14.96 %

**Result Emulation:**

Off

**Concentration:**

0.0040 %Vol

**Specific Surface Area:**

4.13 m<sup>2</sup>/g

**Span:**

3.235

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

1.451  $\mu$ m

**Uniformity**

1.04

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

3.339  $\mu$ m

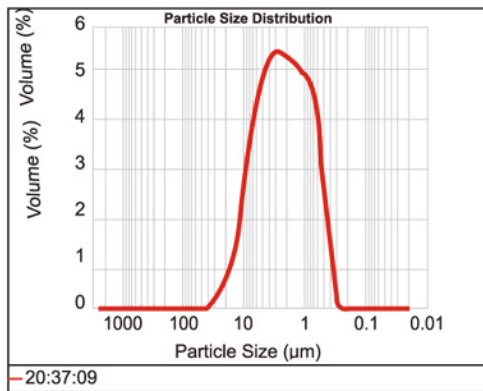
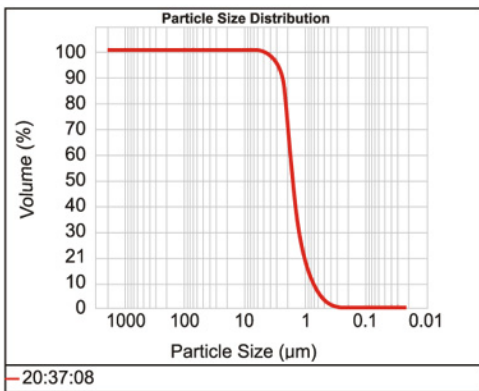
**Result units:**

Volume

**d(0.1): 0.624  $\mu$ m**

**d(0.5): 2.140  $\mu$ m**

**d(0.9): 7.547  $\mu$ m**



Size ( $\mu$ m)	Vol Under %
0.020	0.00
0.022	0.00
0.025	0.00
0.028	0.00
0.032	0.00
0.036	0.00
0.040	0.00
0.045	0.00
0.050	0.00
0.056	0.00
0.063	0.00
0.071	0.00
0.080	0.00
0.089	0.00
0.100	0.00
0.112	0.00
0.126	0.00

Size ( $\mu$ m)	Vol Under %
0.142	0.00
0.159	0.00
0.178	0.00
0.200	0.00
0.224	0.00
0.252	0.00
0.283	0.00
0.317	0.04
0.356	0.57
0.399	1.59
0.448	3.11
0.502	5.11
0.564	7.54
0.632	10.37
0.710	13.51
0.796	16.91
0.893	20.48

Size ( $\mu$ m)	Vol Under %
1.002	24.17
1.125	27.94
1.262	31.76
1.416	35.63
1.589	39.55
1.783	43.54
2.000	47.59
2.244	51.89
2.518	55.83
2.825	59.99
3.170	64.13
3.557	68.22
3.991	72.21
4.477	76.03
5.024	79.64
5.637	82.99
6.325	86.01

Size ( $\mu$ m)	Vol Under %
7.096	88.70
7.962	91.04
8.934	93.03
10.024	94.70
11.247	96.06
12.619	97.14
14.159	97.91
15.887	98.68
17.825	99.11
20.000	99.46
22.440	99.72
25.179	99.88
28.251	99.99
31.698	100.00
35.566	100.00
39.905	100.00
44.774	100.00

Size ( $\mu$ m)	Vol Under %
50.238	100.00
56.368	100.00
63.246	100.00
70.963	100.00
79.621	100.00
89.337	100.00
100.237	100.00
112.468	100.00
126.191	100.00
141.589	100.00
158.866	100.00
178.250	100.00
200.000	100.00
224.404	100.00
251.785	100.00
282.508	100.00
316.979	100.00

Size ( $\mu$ m)	Vol Under %
355.656	100.00
399.052	100.00
447.744	100.00
502.377	100.00
563.677	100.00
632.456	100.00
709.627	100.00
796.214	100.00
893.367	100.00
1002.374	100.00
1124.683	100.00
1261.915	100.00
1415.892	100.00
1588.656	100.00
1782.502	100.00
2000.000	100.00

**Report Designer**