

Result Analysis Report

Sample Name:
CALCITE POWDER B.F. OUTPUT -

SOP Name:

Measured:
Monday, December 28, 2009 12:41:35 PM

Sample Source & type:
Factory = JAY MINERALS

Measured by:
JAY MINERALS

Analysed:
Monday, December 28, 2009 12:41:36 PM

Sample bulk lot ref:
B.F. 2200 27--12--09

Result Source:
Averaged

Particle Name:
CaCO₃ (calcite)

Accessory Name:
Hydro 2000MU (A)

Analysis model:
General purpose

Sensitivity:
Normal

Particle RI:
1.572

Absorption:
0.1

Size range:
0.100 to 1000.000 μm

Obscuration:
15.30 %

Dispersant Name:
Water

Dispersant RI:
1.330

Weighted Residual:
1.674 %

Result Emulation:
Off

Concentration:
0.0043 %Vol

Span :
2.472

Uniformity:
0.78

Result units:
Volume

Specific Surface Area:
3.2 m^2/g

Surface Weighted Mean D[3,2]:
1.877 μm

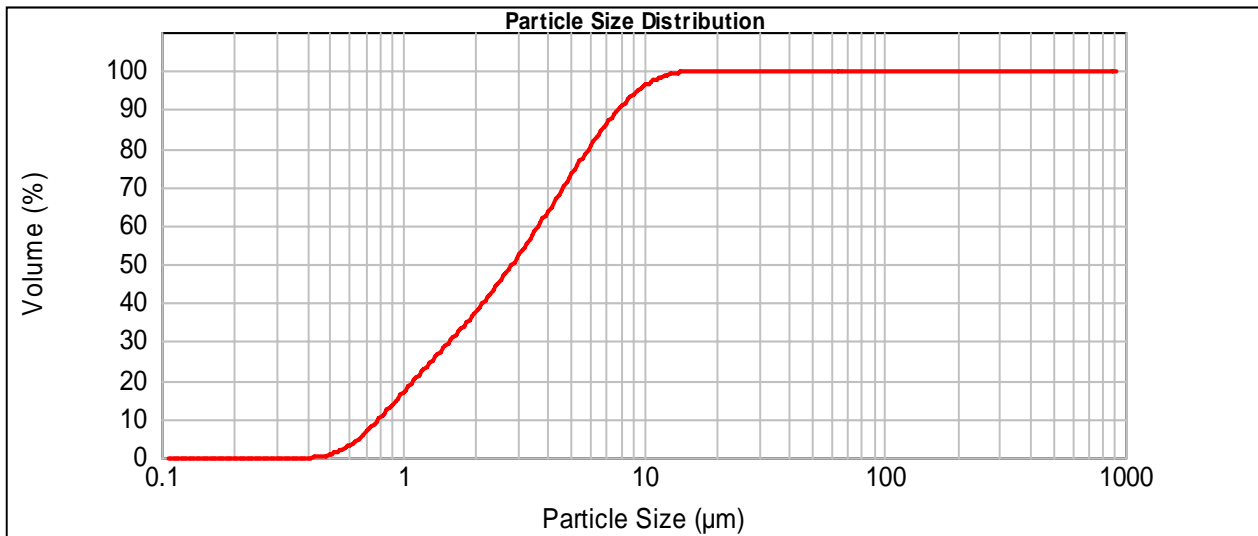
Vol. Weighted Mean D[4,3]:
3.694 μm

D(0.97) : 10.70 μm

d(0.1): 0.802 μm

d(0.5): 2.864 μm

d(0.9): 7.881 μm



— CALCITE POWDER B.F. OUTPUT - Average, Monday, December 28, 2009 12:41:35 PM

Size (μm)	Vol Under %	Size (μm)	Vol Under %	Size (μm)	Vol Under %	Size (μm)	Vol Under %	Size (μm)	Vol Under %	Size (μm)	Vol Under %
0.010	0.00	0.105	0.00	1.096	19.41	11.482	97.95	120.226	100.00	1258.925	100.00
0.011	0.00	0.120	0.00	1.259	23.53	13.183	99.22	138.038	100.00	1445.440	100.00
0.013	0.00	0.138	0.00	1.445	27.58	15.136	99.87	158.489	100.00	1659.587	100.00
0.015	0.00	0.158	0.00	1.660	31.66	17.378	99.99	181.970	100.00	1905.461	100.00
0.017	0.00	0.182	0.00	1.905	35.89	19.953	100.00	208.930	100.00	2187.762	100.00
0.020	0.00	0.209	0.00	2.188	40.38	22.909	100.00	239.883	100.00	2511.886	100.00
0.023	0.00	0.240	0.00	2.512	45.17	26.303	100.00	275.423	100.00	2884.032	100.00
0.026	0.00	0.275	0.00	2.884	50.26	30.200	100.00	316.228	100.00	3311.311	100.00
0.030	0.00	0.316	0.00	3.311	55.64	34.674	100.00	363.078	100.00	3801.894	100.00
0.035	0.00	0.363	0.00	3.802	61.27	39.811	100.00	416.869	100.00	4365.158	100.00
0.040	0.00	0.417	0.00	4.365	67.07	45.709	100.00	478.630	100.00	5011.872	100.00
0.046	0.00	0.479	0.41	5.012	72.92	52.481	100.00	549.541	100.00	5754.399	100.00
0.052	0.00	0.550	1.71	5.754	78.65	60.256	100.00	630.957	100.00	6606.934	100.00
0.060	0.00	0.631	4.02	6.607	84.02	69.183	100.00	724.436	100.00	7585.776	100.00
0.069	0.00	0.724	7.22	7.586	88.81	79.433	100.00	831.764	100.00	8709.636	100.00
0.079	0.00	0.832	11.06	8.710	92.80	91.201	100.00	954.993	100.00	10000.000	100.00
0.091	0.00	0.955	15.21	10.000	95.85	104.713	100.00	1096.478	100.00		

Operator

2200 R.P.M. B.F.