



## MICROSUPREME BARYTES

### MINERALOGICAL COMPOSITION

A high purity natural barium sulphate which may contain trace quantities of calcium carbonate and/or silica

Free Quartz 0.1 %

### CHEMICAL ANALYSIS

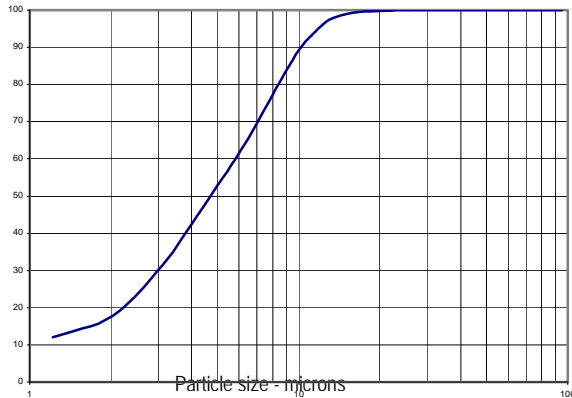
BaSO<sub>4</sub> 95.00 % min  
 CaCO<sub>3</sub> 0.30 %  
 SiO<sub>2</sub> 0.40 %  
 Fe<sub>2</sub>O<sub>3</sub> 0.02 %  
 Al<sub>2</sub>O<sub>3</sub> 0.03 %

### CHEMICAL PROPERTIES

Loss on ignition 0.03 %  
 Solubility in water 0.09 %  
 Acid soluble barium 100 ppm max  
 pH 7

### PHYSICAL PROPERTIES

Specific gravity 4400 kg/m<sup>3</sup>  
 Tamped density 2000 kg/m<sup>3</sup>  
 Hardness (Mohs) 3  
 Oil absorption 12 g/100g



Whiteness Minolta Cr 200 L\* 96.0  
 a\* 0.1  
 b\* 1.4  
 Y 90.0  
 L\* 92 min  
 % passing 53 micron sieve 99.99 % min  
 % passing 45 micron sieve 99.99 % min

Particle size distribution - Malvern 3601  
 - 75 um 100 %  
 - 30 um 100 %  
 - 20 um 99 %  
 - 10 um 89 %  
 Average particle size d<sub>50</sub> 4.7 microns

### PACKAGING

Dry powder in 25 kg paper bags 0.3 % moisture content max

The data given on this sheet is based on test results believed to be representative of the product and should not be interpreted as a binding specification

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