

PRODUCT SPECIFICATION

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CALCIUM SULPHATE FOOD GRADE

(Brewers Gypsum)

Ground Gypsum Superfine White conforms to the specifications listed below when tested in accordance with the methods outlined in the Food Chemicals Codex.

Assay - Minimum of 98.0% Calcium Sulphate calculated on the dried basis.

Arsenic 2.0ppm max

Selenium 30.0ppm max

Heavy metals as lead 5.0ppm max

Fluoride 30.0ppm max

Cadmium 0.5ppm max

Mercury 0.1ppm max

Nitrates 15.0ppm max

The following technical data outlined represents typical figures only.

Colour - Colorimeter measurement

L 92.5

A 0.25

B 3.0

Screen analysis

BS Sieves % weight retained

+52 (+300 microns) 0.2% max

+100 (+150 microns) 1.0%

-100+200 (-150 +75 microns) 12%

-200 (-75 microns) 86%

Solubility in water at 20°C 2.1g/litre

Oil Absorption 33ml/100g

Hardness (MOH's scale) 2

Bulk density- loose 825 kg/m³

compacted 1200 kg/m³

Specific Gravity 2.32

Limitations - Non-Gypsum Content

Ground Gypsum Superfine White is manufactured from a naturally occurring mineral that is carefully selected during an open-cast mining operation. Whilst every effort is made to ensure that a high purity is maintained, the presence of non-gypsum materials such as paper, wood, plastic and other naturally occurring substances cannot be avoided.

In applications where the absence of such materials is a prerequisite, appropriate precautions should be taken.

Microbiological Activity

Appropriate precautions should be taken when the product is employed in the manufacture of food or feeding stuffs or any other sensitive application.