



Product information

Calcium sulphate dihydrate produced from natural gypsum. Natural gypsum is a form of calcium sulphate containing water of crystallization ($\text{CaSO}_4 \times 2\text{H}_2\text{O}$) and occurs in large quantities as organic mineral in nature. This natural gypsum is mined in regional quarries, thus warranting a continuous supply. Brewing gypsum is traditionally used in beer production for the adjustment of the hardness of water.

Product properties

No genetic engineering applied.

Does not contain any ingredients of animal origin and is thus also excellently suited for vegetarian and/or vegan lifestyles.

Does not contain milk/ lactose, gluten or traces of nuts.

Certified according to HACCP rules.

EU-sales description: E516 (includes all modifications) food additive according to Regulation (EU) 231/212

Product data ¹⁾

Degree of whiteness	≥ 75
Sieving residue on 90 µm	≤ 0.11 % by weight
Solubility in water	approx. 2.0 g/l
Free moisture	≤ 0.2 % by weight
Loss on drying	15 ... 21 % ²⁾
Bulk weight	approx. 800 kg/m ³
Content	minimum 99 % ³⁾
pH	6 ... 8
Arsenic (As)	≤ 3.0 mg/kg ⁴⁾
Lead (Pb)	≤ 2.0 mg/kg ⁴⁾
Mercury (Hg)	≤ 1.0 mg/kg ⁵⁾
Fluoride (F)	≤ 30 mg/kg ⁶⁾
Selenium (Se)	≤ 30 mg/kg ⁴⁾

1) According to Regulation (EU) 231/2012

2) Dried at 250°C.

3) The natural content of CaSO_4 is not sufficient to guarantee the requirements of the Regulation. By adding other minerals which are also permissible under the Regulation, purities of 96.5-99.5% of calcium sulphate are achieved.

4) Method: DIN EN ISO 11885

5) Method: DIN EN 1483

6) Method: JECFA, Method III

Safety information

The material itself does not pose any risks. Refer to material safety data sheet, if required.

Storage

Can be stored for at least 24 months after the date of production, when stored dry.

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