

Technical Data Sheet.

CS-Dihydrat FG – Calcium sulfate

Product description

CS-Dihydrat FG is a finest milled natural gypsum mineral ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$) for use as food additive E516 acc. Codex Alimentarius (E516 acc. regulation 231/2012/EC). For the production of CS-Dihydrat FG we do not use any additives or flavours and the product is not derived, containing or consisting of GMOs, from genetically modified organisms (GMO). In sense of the Regulation (EC) No 1829/2003 there is no requirement of additional labelling.

Information

This product data sheet is intended to give advice to the best of our knowledge; it replaces any previous product data sheets. The contents of this product data sheet are not legally binding.

> Technical data and specifications

Sieve residue (RETSCH Camsizer X2)	R ₃₂ µm	15 – 30 %
	R ₂₀₀ µm	≤ 0,1 %
Average grain size D ₅₀ (Lasergranulometer Horiba LA 350)		ca. 10 µm
Bulk density		800-900 g/l
pH		neutral
CaSO ₄ x nH ₂ O (with n=0 or n=2)		≥ 99,0 % after drying
Loss on drying (250°C to constant weight)		< 23 %
Calcium content		> 23 %

> Chemical analysis according to standards as per EC Foodstuffs Directive 2012/231/EC

Arsenic	< 1,0 mg/kg
Mercury	< 0,2 mg/kg
Fluoride (JECFA-Method III)	< 30,0 mg/kg
Selenium	< 2,0 mg/kg
Lead	< 2,0 mg/kg
Copper + Zinc	< 25 mg/kg

**For further information
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> Logistic and safety notes

Packaging	Bag, BigBag and bulk
Shelf life	CS-Dihydrate QS has a shelf life of 24 months if stored properly, store in a dry place between 5 °C and 40 °C.
Safety notes	See safety data sheet. CS-Dihydrat FG poses no special hazards.

> Further information (e.g. HACCP):

Notes on critical ingredients	None according to HACCP analysis
Notes on specific analytical problems	Fluoride acc. JECFA-Method III
Manufacturer: No.: F 00005511	QS-ID: 4048473750882
Certification	HACCP, QS, Kosher, HALAL