

Technical Data Sheet.

Micro A FG – Calcium sulfate

Product description

Micro A FG is a finest milled natural gypsum mineral (CaSO₄x2H₂O) for use as food additive E516 acc. Codex Alimentarius (E516 acc. regulation 231/2012/EC). For the production of Micro A 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.

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> Technical data and specifications

Average grain size D ₅₀ (Lasergranulometer CILAS 920)	ca. 10 µm
Bulk density	1000-1100 g/l
pH	neutral
CaSO ₄ x nH ₂ O (with n=0 or n=2)	≥ 99,0 % after drying
Content of calcium	>29,0 %
Loss on drying (250°C to constant weight)	< 1,5 %

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

Arsenic	< 3,0 mg/kg	Selenium	< 5,0 mg/kg
Mercury	< 0,2 mg/kg	Lead	< 2,0 mg/kg
Fluoride (JECFA-Method III)	< 30,0 mg/kg	Copper + Zinc	< 25 mg/kg

> Logistic and safety notes

Packaging	Bag, Bigbag and bulk.
Shelf life	given dry and protected storage, Micro A FG can be stored at least up to 12 months
Safety notes	See safety data sheet. Micro A 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