

Technical Data Sheet

Version: 1.0 EN

Xanthan gum powder, E 415 - 80 mesh

Article number: D10146

General Information

Origin	Xanthan gum is a natural polysaccharide obtained by fermentation of sugar (often from corn, wheat or soy) using a bacterium called <i>Xanthomonas campestris</i> .
CAS Number	11138-66-2
EC Number	234-394-2
INCI	XANTHAN GUM
Appearance	Cream-coloured powder
Packaging	25 kg bags and small containers
Shelf life	24 months
Applications	Application in cosmetics and food
Allergens	May contain traces of soybeans and soy products
Compliance	FCC, E 415, Regulation (EU) No. 231/2012, Regulation (EC) No. 1935/2004, Regulation (EU) 10/2011,, Vegetarian, Vegan, Gluten-free, Lactose-free

Specification Values

Parameter	Value
Solubility	Readily soluble in hot or cold water
pH value	6,0 - 8,0
Loss on drying	≤ 15 %
Total ash	≤ 16 %
Particle size	min. 95% through 80mesh (180micro)
Acid insoluble components	≤ 1 %
Nitrogen	≤ 1,5 %
Ethanol and isopropanol	≤ 500 mg/kg singly or in combination
Pyruvic acid	min. 1.5 %
Lead	≤ 2 mg/kg
Arsenic	≤ 3 mg/kg
Viscosity (1% solution in 1% KCl)	1,200 – 1,600 mPas

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Total bacterial count	max. 2000 cfu/g
Yeast and molds	max. 200 cfu/g
E. coli	Negative in 25 g
Salmonella	Negative in 25 g
Xanthomonas campestris	No viable cells in 1 g

Nutritional Values

	Average Values (per 100g / 100ml)
Energy (kJ)	1034
Energy (kcal)	249
Fat (g)	0,2
- Of which saturated fats (g)	< 0,2
Carbonhydrates (g)	36
- Of which sugars (g)	< 0,5
Fibre (g)	44,8
Protein (g)	3,3
Salt (g)	1,925

Additional Information

All details are based on our current state of knowledge and are not transferable to other products. They do not constitute a warranty or guarantee of specific properties or suitability for particular applications. Each use of our supplied products must be tested in the respective application and checked for any existing property rights. Color and form of the product may slightly vary within a production batch due to the manufacturing process.

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