

Technical Data Sheet

Version: 1.0 EN

Gum Arabic Powder, E 414

Article number: D10266

General Information

Origin	Gum arabic, also known as acacia gum, is a natural resin obtained from the sap of acacia trees.
CAS Number	9000-01-5
EC Number	232-519-5
INCI	ACACIA SENEGAL GUM
Appearance	Greyish to medium light powder
Packaging	25 kg bags and small containers
Shelf life	36 months
Applications	Application in cosmetics and food
Allergens	None of the 14 main allergens added or contained
Compliance	E414 - Regulation (EC) 231/2012, FCC, USP/NF, vegetarian, vegan, gluten-free, lactose-free

Specification Values

Parameter	Value
Solubility	Insoluble in alcohol; 1 g in 2 ml water forms an easily flowing solution that is acidic to litmus
pH value	4,1 – 5,8
Loss on drying	≤ 15 %
Total ash	≤ 4 %
Acid-insoluble ash	≤ 0,5 %
Acid-insoluble components	≤ 1 %
Starch and dextrin	Nicht nachweisbar
Tannins	Nicht nachweisbar
Arsenic	≤ 3 mg/kg
Lead	≤ 2 mg/kg
Mercury	≤ 1 mg/kg
Cadmium	≤ 1 mg/kg

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E. coli	Negative in 5 g
Salmonella spp.	Negative in 25 g

Nutritional Values

	Average Values (per 100g / 100ml)
Energy (kJ)	783
Energy (kcal)	194
Fat (g)	0
- Of which saturated fats (g)	0
Carbonhydrates (g)	5,3
- Of which sugars (g)	0
Fibre (g)	81,7
Protein (g)	2,3
Salt (g)	0,01

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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