

GUAR GUM POWDER

01 / IDENTITY AND CHARACTERISTICS

Product code	SPGUAR
Available formats	SPGUAR50 · 50 g · Stand-up SPGUAR125 · 125 g · Stand-up SPGUAR250 · 250 g · Stand-up SPGUAR1KG · 1 kg · Stand-up
Origin	Non-EU (India)
Country of packaging	Italy

The product

Guar gum powder is obtained from the milled endosperm of the seeds of the guar plant (*Cyamopsis tetragonolobus*). It consists mainly of a high molecular weight hydrocolloid polysaccharide, galactomannan.

Ingredients

100% Guar gum powder (E412)

Usage

Use and dosage	Thickener and stabilizer. Recommended dosage: 0,1% - 2% of the total product weight.
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Storage and packaging

Shelf life	24 months from production date.
Storage conditions	Store in a cool, dry place. After each use reseal the package and keep in a clean, cool environment. Handle with clean, dry tools. Check the storage condition before each use.
Packaging materials	Bag: LDPE90; label: PAP22
Environmental information	PLASTIC. Check your local regulations. We declare that the materials used for packaging this product are compliant with European Union regulations and suitable for direct contact with food. The original declaration of conformity is available on request.

Declarations

NON-GMO: this product does not contain, is not made from, and is not obtained from genetically modified organisms, in compliance with EC Regulation 1829/2003 and EC Regulation 1830/2003 and subsequent amendments. Product is not hazardous under normal use conditions.

PESTICIDES AND CONTAMINANTS: complies with EC Regulation 396/2005 for maximum residue levels (MRLs) of pesticides and with EU Regulation 915/2023 for the presence of heavy metals, mycotoxins, and process contaminants.

ADDITIVES AND PURITY CRITERIA: The product is a food additive (E412) in compliance with general provisions and market requirements of EC Regulation 1333/2008 and meets the specific purity criteria stated in EU Regulation 231/2012.

GLUTEN FREE: in accordance with EC Regulation 828/2014 may be labeled as "Gluten free" as the product may contain accidental gluten contamination up to a maximum of 20 mg/kg.

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02 / VALUES AND SPECIFICATIONS

Nutritional information per 100 g

Parameter	Value
Energy (kJ)	814
Energy (kcal)	202
Fats (g)	<1
of which saturates (g)	<0,5
Carbohydrates (g)	<0,5
of which sugars (g)	<0,5
Fibres (g)	86
Proteins (g)	5
Salt (g)	0,09

Analysis and specific parameters

Category / parameter	Specification	Unit	Method
Chemical-physical Loss on drying	≤ 13	%	
Chemical-physical Ash	≤ 1.5	%	
Chemical-physical Acid-insoluble substances	≤ 4	%	
Chemical-physical Proteins (N x 6,25, Kjeldahl method)	≤ 5.0	%	N x 6.25 Kjeldahl Method
Chemical-physical Starch	Negative		
Chemical-physical Organic peroxides	≤ 0.7	meq active oxygen/kg	
Chemical-physical Furfural	≤ 1	ppm	

Category / parameter	Specification	Unit	Method
Chemical-physical Pentachlorophenol	≤ 0.01	ppm	
Chemical-physical Galactomannans	≥ 75	%	
Heavy metals Arsenic	≤ 0.1	ppm	
Heavy metals Lead	≤ 0.2	ppm	
Heavy metals Mercury	≤ 0.1	ppm	
Heavy metals Cadmium	≤ 0.1	ppm	
Chemical-physical Viscosity (Brookfield DVE, 1% sol., 25°C, 20 rpm, spindle RV 3) – after 2h	3750 ± 250	cps	Brookfield DVE type RV, 1% solution, 25°C, 20 rpm, spindle RV 3, after 2h
Chemical-physical Viscosity (Brookfield DVE, 1% sol., 25°C, 20 rpm, spindle RV 3) – after 24h	≥ 3500	cps	Brookfield DVE type RV, 1% solution, 25°C, 20 rpm, spindle RV 3, after 24h
Chemical-physical Particle size: passing 200 mesh	≥ 90.0	%	
Chemical-physical pH (1% solution)	6.0 ± 1		1% solution
Chemical-physical Total aflatoxins	≤ 4	ppb	
Microbiological Total aerobic count	≤ 5000	cfu/g	
Microbiological Yeasts and moulds	≤ 500	cfu/g	
Microbiological Escherichia coli	Absent/1g		
Microbiological Salmonella spp	Absent/25g		

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03 / ALLERGENS

Allergens and derived products

Three distinct items of information: presence in the product, presence in the facility, and risk of cross contamination. “To be checked” does not mean absence.

Category	In the product	In the facility	Cross contamination risk
Cereals containing gluten	No	No	No
Crustaceans	No	No	No
Eggs	No	No	No
Fish	No	No	No
Peanuts	No	No	No
Soybeans	No	No	No
Milk (including lactose)	No	Yes	Yes
Tree nuts	No	No	No
Celery	No	No	No
Mustard	No	No	No
Sesame seeds	No	No	No
Sulphur dioxide and sulphites	No	No	No
Lupin	No	No	No
Molluscs	No	No	No

May contain traces of: MILK as the product is packaged in a facility handling MILK and derivatives

Categories of Annex II of EU Reg. 1169/2011. For cereals and tree nuts, species and any exemptions must be specified in the notes. For sulphites, the evaluation refers to the applicable threshold expressed as SO₂.

Further information

The statements on this data sheet, although accurate and drawn up to the best of our current knowledge, are for information only and release Gioia Group s.r.l. from any responsibility regarding the improper use of the product in question.