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POWDERED GUAR GUM

Technical Sheet

Date d'émission:01/06/2018

Date de révision: 27/03/2026

Version: 2.1

Product: Gum Guar
Min 3500 mPas / 200 mesh

Parameter	Unit	Specification
Definition		A gum obtained from the ground endosperm of the seeds of <i>Cyamopsis tetragonolobus</i> (Linné) Taub. (Fam. Leguminosae). It consists mainly of a high molecular weight hydrocolloidal polysaccharide, composed of galactose and mannose units combined through glycosidic linkages, which may be described chemically as a galactomannan.
Classification		E 412, FCC
Package		bags of 25 kg net each (alternative package up on request)
Storage and shelf-life		3 years under cool and dry conditions
Uses and application		stabilizer, thickener, emulsifier
Drying method		natural drying by hot air current
Appearance		white to yellowish white, nearly odourless powder
Solubility		dispersible in either hot or cold water, forming a sol
Identification		Passes tests
pH value		5.5 - 7.0
Viscosity (RVT, spindle 3,20 rpm, 25°C, 1% solution, 24 h)	mPas	min. 3,500
Particle size through 200 mesh	%	min. 90.0
Loss on drying	%	max. 12.0
Ash	%	max. 1.0
Acid-insoluble substance (Fibre/a.i.r.)	%	max. 3.0
Protein (N x 6.25)	%	max. 7.0
Fat (ether extract)	%	max. 1.0
Starch		Not detectable
Organic peroxides	Meq/kg	Max. 0.7 active Oxygen
Furfural	mg/kg	Max.1
Pentachlorophenol	mg/kg	Max.0.01
Arsenic	mg/kg	Max.3



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Lead	mg/kg	Max.2
Mercury	mg/kg	Max.1
Cadmium	mg/kg	Max.1
Galactomannans (Gum content by difference)	%	Min.81.0
Total plate count	cfu/g	Max. 5 000
Yeast and mould	cfu/g	Max. 300
E.coli		Negative in 1 g
Salmonella ssp.		Negative in 25 g

This product is a raw material. The user alone is responsible for complying with regulations applying to its manufacture, marketing and used. The analysis figures or information mentioned in this document do only serve as product description and they have been ascertained immediately after production of import of the goods. A legally binding guarantee of certain characteristics or of the suitability for a concrete application cannot be deduced from this document. Improper transport and/or improper storage can cause changes. The information mentioned in this document does not release the consumer from his own examinations of the characteristics of the product and the suitability for the intended use.