



## ANALYSIS CERTIFICATE

➤ Analysis Date: 26/02/2026

### Identification product:

➤ Product name: GUAR GUM  
➤ Batch number: 15124  
➤ Production date: 02/2026  
➤ Expiry date/Retest date: 02/2028

### Specifications:

➤ Appearance : White to yellowish white powder, nearly odourless powder  
➤ Solubility Dispersible in either hot or cold water, forming a sol.

	<u>Results</u>	<u>Specifications</u>	<u>Methods</u>
<b>Identification</b>	Passes tests	Passes tests	FCC
pH-value (1% solution)	6.4	5.5 – 7.0	Potentiometric
Viscosity (RTV, 20 rpm, 25°C, 1% solution, 24h)	3990	min. 3.500	Spindle 3, 20 rpm mPas
Particule size through 200 mesh	90.5%	min. 90.0	Sieve analysis
Loss on drying	10.1 %	max. 12.0	FCC
Ash	0.9 %	max. 1.0	FCC
Acid-insoluble substances (Fibre / a. i. r.)	2.0 %	max 3.0	FCC
Protein (N x 6.25)	3.9 %	max. 7.0	FCC
Starch	Not detectable	not detectable	FCC
Organic peroxides	Conform	max. 0.7 active Oxygen	Regulation (EU)
Furfural	Conform	max. 1	Regulation (EU)
Pentachlorophenol	Conform	max. 0.01	GC
Arsenic	Conform	max. 3	FCC
Lead	Conform	max. 2	FCC
Mercury	Conform	max. 1	AAS
Cadmium	Conform	max. 1	AAS
Galactomannans (Gum content by difference)	83.1 %	min. 81.0	FCC
Total plate count	2100cfu/g	max. 5.000	Ph. Eur.
Yeast and mould	120cfu/g	max. 500	Ph. Eur.
E. Coli	Negative	negative in 1 g	Ph. Eur.
Salmonella ssp.	Negative	negative in 25 g	Ph. Eur.

**Legal Status:** Product conforms: E412; FCC 11

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 mentioned in this certificate do only serve as product description and they have been ascertained immediately after production resp.import of the goods. A legally binding guarantee of certain characteristics or of the suitability for a concrete application cannot be deduced from this certificate. Improper transport and/or improper storage can cause changes. The certificate does not release the consumer from his own examinations of the characteristics of the product and the suitability for the intended use.