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NEW PRODUCT

ANALYSIS REPORT

Guar Peptone G02K — 19622-K

Batch	252622K	Manufacturing date	24th June 2025	Retest date	24th June 2028

Description:

Guar Peptone G02 is manufactured from natural guar protein purified by mechanical treatment (removal of the guar gum attached to the germ). It is obtained through enzymatic hydrolysis with microbial enzymes.

Development status: R&D laboratory ☐ Industrial scale ☒

Lead-time for industrial production: 3-4 months

Quality and Sanitary Information:

Complete traceability	☒	
Non animal	☒	
Non BSE	☒	
Non GMO	☒	according to the European Regulations CE 1829/2003 and 1830/2003
Non Allergen	☒	

Packing:

25 kg cardboard boxes

Upon request: 5 kg plastic drum

Storage:

Keep in original packaging closed when not in use, at room temperature in a dry area.

Hygroscopic product.

Health and safety information

Dusty powder. Avoid inhalation.

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Batch	252622K	Manufacturing date	24th June 2025	Retest date	24th June 2028

Analysis	Standards	Results
Appearance		Beige powder
Solubility in water at 5 %		Partial
pH (5 % solution)		6.0
Loss on drying		7.3%
Total nitrogen TN		10.8%
α-Amino nitrogen AN		3.9%
AN/TN x 100		36
Residue on ignition		7.9%
Chloride (NaCl)		4.3%
Total aerobic microbial count	≤ 5 000/g	100/g
Staphylococcus aureus	absence/10 g	Pass
Salmonella	absence/25 g	Pass
Escherichia coli	absence/ g	Pass
Coliforms	≤ 10 / g	Pass
Yeasts and moulds	≤ 20 / g	Pass

Date	16th July 2025

Gizem YALKIN
R&D Manager