Partially Hydrolyzed Guar Gum (PHGG)

Partially hydrolysed guar galactomannan · CAS 9000-30-0 (guar gum basis) · Partially hydrolysed guar gum, spray-dried powder

INDICATIVE SPECIFICATION — CONFIRMED IN WRITING AT QUOTATION

IDENTITY / FORM	FORMULA	CAS	PRIMARY ASSAY
Partially hydrolysed guar gum, spray-dried powder	Partially hydrolysed guar galactomannan	9000-30-0 (guar gum basis)	≥85.0% (AOAC 2009.01)
METHOD	MINIMUM ORDER	LEAD TIME	STANDARD PACK
AOAC 2009.01 and HPLC-RI sugar profile	1 kg	3–10 days	1 kg foil pouch

SPECIFICATION

PARAMETER	SPECIFICATION	METHOD / NOTE
Dietary fibre	≥85.0% (AOAC 2009.01)	Specification
Appearance	White to off-white powder	Specification
Moisture	≤6.0%	Specification
pH (1% solution)	4.0–7.0	Specification
Solubility	Soluble in water; low viscosity	Specification
Particle size	≥95% through 80 mesh	Sieve
Ash	≤1.0%	Specification
Viscosity	Low; specified for the grade	Specification
Heavy metals	Pb ≤0.5 · As ≤0.5 · Cd ≤0.5 · Hg ≤0.1 mg/kg	Specification
Microbiology	APC ≤1,000 cfu/g · yeast and mould ≤100 cfu/g · E. coli and Salmonella absent	Specification
Marker / profile	PHGG fibre ≥85%, low viscosity	Identity / ratio
Appearance	White to off-white powder	Visual
Solubility	Soluble in water; low viscosity compared with native guar gum.	Matrix dependent
Standard packaging	1 kg foil pouch · 25 kg fiber drum	Food-grade liner

APPLICATIONS

- Beverages
- Dairy
- Supplements
- Bakery

AVAILABLE FORMS

- Spray-dried powder
- Granular
- Instant powder

- Confectionery

WHAT TO CONFIRM BEFORE ORDERING

- Confirm the exact identity, carrier and particle size for Partially Hydrolyzed Guar Gum (PHGG) before the first order.
- Taste at the target sucrose equivalence in the real matrix, not in water alone.

Indicative document. This sheet describes the grade we can quote; it is not a batch COA and does not confirm a result for a specific lot. Final specification, contaminant limits and documentation are agreed in writing before the order. The identity, assay basis, profile and method are release parameters, not marketing descriptions.

DOCUMENTATION RELEASED WITH EACH LOT

DOCUMENT	CONTENT	SCOPE
Certificate of analysis	Assay, identity, physical parameters, contaminant panel and the release decision for the lot.	Batch-specific
Technical data sheet	Identity, form, CAS, specification ranges, solubility, bulk density, storage and packing.	Product-level
Safety data sheet	Sixteen sections covering hazards, handling, storage, transport and emergency response.	Grade-specific
Allergen and GMO statements	Major allergens, gluten, animal-derived inputs and GMO status.	Batch-specific
Origin and traceability record	Manufacturing site and the link between the lot and the retained sample.	Batch-specific
Residual-solvent statement	The crystallisation system and the solvent class, where applicable.	Batch-specific

HOW TO REQUEST THIS GRADE

01 · BRIEF

Send the target specification, quantity, application and destination market.

02 · COUNTER-SPEC

We confirm what can be matched and the documents available for the grade.

03 · SAMPLE & QUOTE

A sample with its own COA, followed by packing, lead time and terms in writing.

Shaanxi Rainwood Biotech Co., Ltd. · Rm 218, Tangxing Digital Bldg, #6 Tangxing Rd, Xi'an, Shaanxi, China
info@rainwoodbio.com · sweeteners.rainwoodbio.com