

10-5 Guar Gum

I. Chemical Information

- **Chemical Name:** Guar Gum
- **Category:** Water-soluble polysaccharide
- **CAS Number:** 9000-30-0
- **Molecular Formula:** C₆H₁₀O₅



II. Packaging

- **Net Weight:** 25 kg/bag, 20 tons/20GP without pallets, 15-17.5 tons/20GP with pallets, paper bags or as per customer's requirement
- **Minimum Order Quantity:** 500 kg

III. Quality Standards

- Kosher
- Halal
- ISO

IV. Specifications

Item	Specification
Appearance	White to light yellow powder
Viscosity/mPa·s 1% solution 2 hours	≥ 5000
Loss on drying, %	≤ 15.0
Ash, %	≤ 1.5
Acid insoluble matter, %	≤ 7.0
Borate test	Passes
Protein, %	≤ 7.0
Starch test	Passes
Total arsenic (as As) (mg/kg)	≤ 3.0
Lead (Pb) (mg/kg)	≤ 2.0

Total viable count (CFU/g)	≤ 5000
Coliform group (MPN/g)	≤ 30

V. Applications

- It can be widely used in the food processing industry as a thickener, stabilizer, and suspending agent.

VI. Storage

- Store in a cool, dry place, away from direct sunlight and high temperature and humidity.
- Shelf life: 24 months from the date of production.