

SPECIFICATION

Product Name: Gum Acacia Powder
Chemical Formula: N/A
CAS Number: 9000-01-5
Molecular Weight: N/A
Appearance: White Powder
Odor: Odorless

Chemical Composition

Parameter	Unit	Typical Value
Starch & Dextrin	-	Test Passes
Identification	-	Test Passes
Agar & Tragacanth	-	Test Passes
Tannis	-	The Passes
Sucrose & Tructose	-	The Passes
Insoluble Matter (Max. limit 1.0%)	%	0.45%
Sulphated Ash (Max. limit 5.0%)	%	2.227%
Acid Insoluble Ash (Max. limit 1.0%)	%	0.52%
Loss on drying (Max. limit 15.0%)	%	8.36%

Physical Properties

- Solubility: Freely soluble in water. Insoluble in ethanol. Insoluble in acetone. Insoluble in methanol. Insoluble in ether.

Shelf Life & Storage

- Shelf Life: 3 years from date of manufacture under recommended storage.

- Storage Conditions: Store in a tightly closed container in a cool, dry, and well-ventilated place, protected from moisture, humidity, heat, and contamination.

Applications

- Use: Widely used in pharmaceutical, nutraceutical, food, beverage, confectionery, cosmetic, and industrial applications. It functions as a binder, emulsifier, stabilizer, thickener, suspending agent, and encapsulating agent.

- Dosage: Depends on the intended application and desired functionality (binder, stabilizer, emulsifier, thickener, or dietary fiber source).

Packaging

- Standard Packing: 25 kg woven pp bag with inner liner or as per customer requirement.

- Labeling: Product name, batch number, net weight, manufacture date, expiry date, and manufacturer details.

* Specifications are based on the manufacturer's provided specifications.