

TECHNICAL DATA SHEET

Glucomannan

90%

Chemical Properties

CAS: 11078-31-2

EINECS: 234-394-2

Description

Glucomannan is a water-soluble polysaccharide that is considered a dietary fiber. It is a hemicellulose component in the cell walls of some plant species. Glucomannan is a food additive used as an emulsifier and thickener.

Solubility

It is soluble in water.

Specification

Item	Specification	Test Method
Appearance	White to slightly brownish free flowing powder with few black spot	Visual
Odor	Odorless	Organoleptic
Assay	Min 90%	GB/T 18104
Viscosity	Min 30000mpa.s	GB/T 18104
Particle size	Min 90% pass 120 mesh	GB/T 18104
Loss on Drying	Max 10.0%	GB 5009.3
Ash	Max 3.0%	GB 5009.4
pH	5-7	GB/T 10786
SO ₂	Max 500ppm	GB/T 18104
Arsenic (As)	Max 3.0ppm	GB 5009.11
Lead (Pb)	Max 0.8ppm	GB 5009.12
Total Plate Count	Max 5,000cfu/g	GB 4789.2
Yeast & Mold	Max 100cfu/g	GB 4789.15
<i>E. Coli</i>	Negative	GB 4789.38
<i>Salmonella</i>	Negative	GB 4789.4

Ingredients

Glucomannan min 90%

Labeling

In the United States and the European Union: Glucomannan

Applications

Glucomannan is a food additive used as an emulsifier and thickener.

Safety

This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information.

Handling recommendations

This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information. During transportation, it should prevent violent vibration, and keep moisture-proof, waterproof and sunlight-proof. It should be stored in a well-closed container away from moisture and direct sunlight.

Packaging, Storage & Shelf Life

Package	25kg/ carton; or according to customers' requirements.
Storage	Store in a cool dry place, avoiding sunlight directly.
Shelf life	2 years if sealed and stored properly.