

BioPolymer GA1590

GA1590 is a specialized polysaccharide that, after undergoing a purification process, forms a highly transparent solution when dissolved. Its unique combination of high transmittance, inherent viscosity, stability across diverse conditions, and exceptional resistance to salinity makes it an optimal choice for applications demanding both clarity and viscosity control in high-salt environments.

Specification

Appearance	Off white flowing powder
Particle size, through 80 mesh, %	Min. 95
Loss on drying, %	Max. 15
Total ash content, %	Max. 16
pH value	5.0 – 9.0
Viscosity, 1% KCL solution, cP	Min. 1200
Transmittance, %	Min. 90
Nitrogen, %	Max. 1.5
Pyruvic acid, %	Min. 1.5
Pb, mg/kg	Max. 2.0
Total plate count, cfu/g	Max. 5000
Yeasts and moulds, cfu/g	Max. 300
Coliform, MPN/100g	Max. 3
Salmonella, /25g	Absent in 25g

Packaging & Storage

Standard Packing	50 lb bag, 40 bags per pallet 25 kg bag, 40 bags per pallet
Storage	Each unit is labeled with product name and lot number. Store in a cool, dry area for optimal shelf life.
Handling	For safe handling of this product, please refer to the Safety Data Sheet (SDS).

Shelf Life

Shelf Life	2 years
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Usage & Application

Typical Dosage Applications	0.1 to 1% Food: Thickener, stabilizer, emulsifier.
	Pharmaceuticals: Suspender, emulsifier, drug delivery.
	Cosmetics: Thickener, stabilizer.
	Oil&gas field: Thickener.
	Mining: Thickner
	Agriculture: soil conditioner, hydroseeding component.

Regulatory Information

CAS No.	11138-66-2
HS Code	3913.90
Country of Origin	Made in China

Date Updated: Jan 07, 2023

Disclaimer: The information provided in this document is based on tests that we believe to be reliable. However, the results of these tests may vary under different conditions and methodologies. It is the responsibility of the prospective user to determine the suitability of our products for their specific use. The user is responsible for ensuring that their use of our products, as well as their workplace practices, are in compliance with all applicable laws and regulations.

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