

## CERTIFICATE OF ANALYSIS

<b>Product name</b>	Gellan Gum		
<b>Source</b>	Fermentation		
<b>Batch Number</b>	20230406	<b>Manufacture Date</b>	20230406
<b>Report Date</b>	20230406	<b>Expiry Date</b>	20250405

Item of Analysis	Specification	Results
Characteristic	Off-white, odorless, Free flowing powder	Complies
Content	85~108%	92.7%
Solubility	Soluble in water to form viscous solution	Complies
Calcium ion test	Pass	Complies
Particle size	≥95% Pass 80 mesh	99.9%
Loss on drying	≤15.0%	7.67%
Residue on Ignition	≤15.0%	8.5%
PH value	6.0~8.0	7.00
Gel strength( 1% solution )	≥450g/cm <sup>2</sup>	545.5
Residue of ethanol	/	294
Lead (Pb)	≤2mg/kg	Complies
Arsenic (As)	≤2mg/kg	Complies
Cadmium (Cd)	≤1mg/kg	Complies
Mercury (Hg)	≤1mg/kg	Complies
Total Plate Count	≤10,000cfu/g	Complies
Yeast & Mold	≤400cfu/g	<100cfu/g
E. Coli.	Negative	Conform
Salmonella	Negative	Conform

**Storage:** Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

**Shelf Life:** 24 months if store under the conditions above and stay in original packaging.

