

Product Specification of Gellan Gum

ITEM	STANDARD
Appearance	Off-white powder
Purity (CO ₂ Yielding, %)	3.3 ~ 6.8
Nitrogen (%)	≤3
Loss on Drying (105 °C, 2.5 hours, %)	≤15
Transmittance (%)	≥ 80
Gel Strength (g/ cm ²)	>900
Ashes (%)	<12
Isopropyl Alcohol (mg/ kg)	≤750
pH	6.0- 8.0
Lead (Pb)	≤2 mg/ kg
Mercury (Hg)	≤1 mg/ kg
Arsenic (As)	≤3 mg/ kg
Cadmium (Cd)	≤1 mg/ kg
Total Heavy Metals (as Pb)	≤20 mg/ kg
Total Plate Count (cfu/g)	≤ 10,000
Moulds & Yeasts (cfu/g)	≤ 400
Salmonella spp./ 10g	Negative
E. coli/ 5g	Negative
Particle Size	Min 95% Pass 80 mesh