

CERTIFICATE OF ANALYSIS FOR GELLAN GUM LA 90

Product Name: Gellan Gum
Batch No.: 2022111210
Report Date: November 17, 2022

Type: Low Acyl
Manufacture Date: NOV 12, 2022
Expired Date: NOV 11, 2024

Item	Standard	Result
Pyhsical-Chemical Properties:		
Assay (Gellan Gum) %:	85.0%—108.0%	99.8
Gel Strength(g/cm ²):	≥900g/cm ²	1277
Transparency(%):	≥85%	85.2
Particle Size(%):	60Mesh Through ≥95%	99.8
Ash(%):	≤15%	7.3
Loss on Drying(105° 2½ h)%:	≤15%	8.5
pH(0.5% Solution):	5.0—7.0	6.5
Identification:	Passes Test	Passes
Suspension Test:	Passes Test	Passes
Sensory:		
Aspect:	Powder	Conforms
Color:	White to tan.	Conforms
Odor:	Typical	Conforms
Microbiology:		
TPC (CFU/g):	≤10000CFU/g	800
Yeasts and Moulds (CFU/g):	≤400CFU/g	Absent
E. Coli:	Absent	Absent
Salmonella:	0/25g	Absent
Coliforms(MPN/100g):	≤30MPN/100g	Absent
Food Hazard:		
Heavy Metals(mg/kg):	<20	<20
Nitrogen(%):	<3	<3
Arsenic(mg/kg):	<3	<3
Lead(mg/kg):	≤2	≤1
Mercury(mg/kg):	<1	<1
Cadmium(mg/kg)	<1	<1
Isopropyl Alcohol(%):	≤0.075%	<0.075
Remark:		