

Certificate of Analysis

No: FOODGEL™-Carrageenan 001

Product Name	Foodgel™M101		
Batch Number		Net Weight	
Production Date		Expiry Date	
Customer ID & Name			
Invoice Number			

Item	Standard	Test Result	Conclusion
Appearance	Yellow powder	Conform	Qualified
Particle Size(%)	90% pass 200 mesh	Conform	Qualified
Viscosity(mPa.s)	≥ 5	15.2	Qualified
Water gel strength(g)	≥ 400	520	Qualified
PH level	8.0-11.0	9.54	Qualified
Loss on Drying(%)	≤ 12.0	4.95	Qualified
Ash(%)	15-40	35.7	Qualified
Arsenic(As, mg/kg)	≤ 3.0	<3.0	Qualified
Lead(Pb, mg/kg)	≤ 5.0	<5.0	Qualified
Mercury(Hg,mg/kg)	≤ 1.0	<1.0	Qualified
Cadmium(Cd,mg/kg)	≤ 2.0	<2.0	Qualified
Total Plate Count(CFU/g)	≤ 5000	2600	Qualified
Yeasts and Molds(CFU/g)	≤ 300	<100	Qualified
Salmonella	Absent in 10g	Absent	Qualified
E.coli	Absent in 5g	Absent	Qualified

Conclusion: Through analysis, the quality of this batch number is approved.

Note 1: Water gel streng test conditions: 1.5% solution ,permanent 20℃ temperature for 16~18h
pH level test conditions: 1.5% solution, room temperature

Note 2: Viscosity test conditions: 1.5% solution ,permanent 75℃ temperature
BROOKFIELD rotating viscometer(DV2TLVTJ0), No.61 roter, 30rolls/min

Note 3: Reccommended storage conditions: Keep the production in a cool dry area.

Authorized Signature

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