

Certificate of Analysis

Product Name	Gelatin		
Model No.	FoodGel™ BS24-30C		
Batch No.	240912BS2430C	Quantity	5000 kg
Production Date	Sep. 12, 2024	Expiration Date	Sep. 11, 2027

Analysis Result

Physical/Chemical Items	Standards	Results
Appearance	Yellow or yellowish powder	Conform
Particle Size (Mesh)	20-30	Conform
Gel Strength (6.67%, 10°C) (Bloom g)	230-250	245
Viscosity (6.67%, 60°C) (mPa·s)	3.0-3.5	3.37
Transmittance Ratio (450 nm, %)	≥ 30	82
Transmittance Ratio (620 nm, %)	≥ 50	92
pH Value (1%, 25°C)	4.5-6.5	5.5
Moisture (%)	≤ 14.0	9.6
Transparency (5%) (mm)	≥ 300	500
Ash (%)	≤ 2.0	Conform
Water Insoluble (%)	≤ 0.2	Conform
Sulfur Dioxide (SO ₂) (mg/kg)	≤ 30	Conform
Hydrogen Peroxide (H ₂ O ₂) (mg/kg)	≤ 10	Conform
Arsenic (As) (mg/kg)	≤ 1.0	Conform
Chromium (Cr) (mg/kg)	≤ 2.0	Conform
Lead (Pb) (mg/kg)	≤ 1.5	Conform
Microbiological Items	Standards	Results
Aerobic Plate Count (CFU/g)	≤ 1000	Conform
Coliforms (MPN/g)	≤ 3	Conform
Salmonella (/25g)	Negative	Negative

Analysis Conclusion

This batch of products is qualified based on test results.

Analyzed by *Mindy*Checked by *Evelyn*Date of Analysis **Sep. 16, 2024**

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