

CERTIFICATE OF ANALYSIS

Premium Food Grade Bovine Hide Gelatin — 220+ Bloom

Product Name	Premium Food Grade Bovine Hide Gelatin 220+ Bloom
Raw Material	Bovine Hide
Batch No.	20260404
Production Date	27 April 2026
Test Date	27 April 2026
Reference Method	GB 6783-2013

Physical & Sensory Analysis

Item	Unit	Specification	Result
Gel Strength (6.67%, 10 °C)	Bloom g	220+	230
Viscosity (6.67%, 60 °C)	mPa·s	2.5 – 3.5	3.1
pH	—	4.5 – 7.0	5.7
Moisture Content	%	≤ 12.0	10.0
Ash Content	%	≤ 2.0	0.2
Transparency	mm	≥ 300	500
Insoluble Particles	%	≤ 0.2	0.01
Particle Size	mesh	Per contract	6 Mesh
Color	—	Light Yellow	Light Yellow

Chemical Tests

Item	Unit	Specification	Result
Sulfur Dioxide	mg/kg	≤ 30	15
Hydrogen Peroxide	mg/kg	≤ 10	≤ 10
Heavy Metals	mg/kg	≤ 40	≤ 40
Total Arsenic (As)	mg/kg	≤ 0.8	≤ 0.8
Chromium (Cr)	mg/kg	≤ 2.0	≤ 2.0
Lead (Pb)	mg/kg	≤ 0.1	≤ 0.1

Microbiological Tests

Item	Unit	Specification	Result
Total Plate Count	CFU/g	≤ 1000	≤ 1000
Coliform	MPN/g	≤ 10	≤ 10
Salmonella	/25 g	Negative	Negative
E. coli	/10 g	Negative	Negative
Yeast & Mold	CFU/g	≤ 50	≤ 50
Staphylococcus aureus	/10 g	Negative	Negative
Listeria monocytogenes	/750 g	Negative	Negative

CONCLUSION: ELIGIBLE — Conforms to specification.

Authorized by: Quality Assurance Department

Date: 27 April 2026