

Certificate of Analysis

Date of Testing: 2025-02-08 09:05:08

Date of Next Testing: 2028-02-08 09:05:08

Product Name: **Low endotoxin gelatin from porcine skin**

CAS Number: 9000-70-8

Specifications & Purity: gel strength 240-360 (Bloom), < 10 EU/g Endotoxin

Lot #: B2507413

SKU #: **L434330**

Version: **1**

Analysis #: **463701**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-15 (%)	7.30 %
pH(1% solution at 55°C)	3.8-7.6	5.80000
Gel Strength	240-360 (g)	311.00000 g
Endotoxin	0-10 (EU/g)	0.36500 EU/g
Total Aerobic Bacterial Count Confirmed	0-1000 (cfu/g)	2.36000 cfu/g
Iron(Fe)	0-30 (ppm)	14.32 ppm
Chromium(Cr)	0-2 (ppm)	1.05 ppm
Zinc(Zn)	0-30 (ppm)	2.37 ppm
Peroxides	0-10 (ppm)	2.57 ppm
Sulfur Dioxide	0-50 (ppm)	14.52000 ppm
Water Conductivity	0-500 (µS/cm)	286.00000 µS/cm
Total Yeasts and Molds Count	0-100 (cfu/g)	2.57800 cfu/g
Arsenic(As)	0-1 (ppm)	0.53200 ppm
Heavy metals	0-20 (ppm)	1.03 ppm
Mercury	0-0.1 (ppm)	0.10 ppm
Escherichia coli	negative	Negative
Salmonella Species	Negative	Negative
Appearance(L434330)	White to Light Yellow Powder or Solid	White to Light Yellow Powder or Solid
Infrared spectrum	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager