

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-21 16:50:53  
 Date of Next Testing: 2029-05-20 16:50:53  
 Product Name: **Gelatin**  
 CAS Number: 9000-70-8  
 Specifications & Purity: photographic grade, gel strength ~250 g Bloom  
 Lot #: E2513297  
 SKU #: **G108397**  
 Version: **1**  
 Analysis #: **501483**  
 Storage Temperature: Room temperature, Desiccated, Cool

| Parameter              | Limit Values          | Result                |
|------------------------|-----------------------|-----------------------|
| Chloride (Cl-)         | 0-0.1 (%)             | 0.01800 %             |
| Water by Karl Fischer  | 0-14 (%)              | 1.10200 %             |
| Ash                    | 0-1 (%)               | 0.00000 %             |
| Iron(Fe)               | 0-25 (ppm)            | 0.00000 ppm           |
| Copper(Cu)             | 0-5 (%)               | 0.00000 %             |
| Volatile sulfur        | 0-2 (ppm)             | 2.00000 ppm           |
| Frozen points          | 25-27                 | 26.10000              |
| Transmission 620nm     | 95-100                | 98.00000              |
| Active Sulfur          | 0-3 (%)               | 2.50000 %             |
| Insoluble matter       | 0-0.2 (%)             | 0.04000 %             |
| Transmission 450nm     | 80-100                | 91.00000              |
| pH                     | 5.5-6.5               | 5.80000               |
| Dissolved time         | 0-20 (Min)            | 18.00000 Min          |
| SO2                    | 0-300 (ppm)           | 7.00000 ppm           |
| Viscosity decline      | 0-10 (%)              | 2.00000 %             |
| viscosity              | ≥4 (mPa·S)            | 5.10000 mPa·S         |
| gel strength , Bloom g | ≥250                  | 250.00000             |
| isoelectric point      | 4.7-5                 | 4.90000               |
| Appearance (G108397)   | light yellow granules | light yellow granules |



QualityAssurance@aladdinsci.com

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

John Su  
QA & QC Manager