

Certificate of Analysis

Date of Testing: 2024-05-08 09:36:45

Date of Next Testing: 2028-05-07 09:36:45

Product Name: **Gelatin**

CAS Number: 9000-70-8

Specifications & Purity: Photography class , gel strength ~250 g Bloom

Lot #: D2429257

SKU #: **G108397**

Analysis: **337608**

Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|------------------------|-----------------------|-----------------------|
| Volatile sulfur | 0-2 (ppm) | 0.00 ppm |
| Chloride (Cl-) | 0-0.1 (%) | 0.04 % |
| Active Sulfur | 0-3 (%) | 0.00 % |
| Insoluble matter | 0-0.2 (%) | 0.10 % |
| Water by Karl Fischer | 0-14 (%) | 0.49 % |
| Dissolved time | 0-20 (Min) | 0.00 Min |
| Ash | 0-1 (%) | 0.00 % |
| Iron(Fe) | 0-25 (ppm) | 0.00 ppm |
| Copper(Cu) | 0-5 (%) | 0.00 % |
| Viscosity decline | 0-10 (%) | 0.00 % |
| Frozen points | 25-27 | 26.30 |
| Transmission 620nm | 95-100 | 97.00 |
| Transmission 450nm | 80-100 | 90.00 |
| PH | 5.5-6.5 | 5.80 |
| SO2 | 0-300 (ppm) | 8.00 ppm |
| viscosity | ≥4 (mPa·S) | 5.00000 mPa·S |
| gel strength , Bloom g | ≥250 | 250.00 |
| isoelectric point | 4.7-5 | 4.82 |
| Appearance (G108397) | light yellow granules | light yellow granules |
| Grease concave dot | 2 individual/dm2 | 2 individual/dm2 |



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager