

## Certificate of Analysis

Date of Testing: 2024-03-18 17:07:19  
Date of Next Testing: 2028-03-17 17:07:19  
Product Name: **Gelatin**  
CAS Number: 9000-70-8  
Specifications & Purity: Photography class , gel strength ~250 g Bloom  
Lot #: C2413027  
SKU #: **G108397**  
**Analysis:** **095584**  
Storage Temperature: Desiccated

| Parameter              | Limit Values                 | Result                       |
|------------------------|------------------------------|------------------------------|
| Frozen points          | 25-27                        | 26.50                        |
| Chloride (Cl-)         | 0-0.1 (%)                    | 0.04 %                       |
| Insoluble matter       | 0-0.2 (%)                    | 0.10 %                       |
| Transmission 450nm     | 80-100                       | 83.10                        |
| Water by Karl Fischer  | 0-14 (%)                     | 2.19 %                       |
| PH                     | 5.5-6.5                      | 5.95                         |
| Ash                    | 0-1 (%)                      | 0.00 %                       |
| viscosity              | ≥4 (mPa·S)                   | 99.00000 mPa·S               |
| Iron(Fe)               | 0-25 (ppm)                   | 0.00 ppm                     |
| Copper(Cu)             | 0-5 (%)                      | 0.00 %                       |
| Viscosity decline      | 0-10 (%)                     | 1.90 %                       |
| gel strength , Bloom g | ≥250                         | 254.00                       |
| Transmission 620nm     | 95-100                       | 97.40                        |
| SO2                    | 0-300 (ppm)                  | 8.00 ppm                     |
| isoelectric point      | 4.7-5                        | 4.78                         |
| Volatile sulfur        | 0-2 (ppm)                    | 1.20 ppm                     |
| Dissolved time         | 0-20 (Min)                   | 18.00 Min                    |
| Active Sulfur          | 0-3 (%)                      | 0.58 %                       |
| Appearance (G108397)   | light yellow granules        | light yellow granules        |
| Grease concave dot     | 2 individual/dm <sup>2</sup> | 2 individual/dm <sup>2</sup> |



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager