

## Certificate of Analysis

Date of Testing: 2022-08-13 12:15:32  
Date of Next Testing: 2026-08-12 12:15:32  
Product Name: **Gelatin**  
CAS Number: 9000-70-8  
Specifications & Purity: Photography class , gel strength ~250 g Bloom  
Lot #: H2209429  
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>



ALADDIN SCIENTIFIC CORPORATION

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

John Su  
QA & QC Manager