

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-08-16 09:18:11
Date of Next Testing:	2028-08-15 09:18:11
Product Name:	<b>Gelatin</b>
CAS Number:	9000-70-8
Specifications & Purity:	Photography class , gel strength ~250 g Bloom
Lot #:	H2413192
SKU #	<b>G108397</b>
Version	<b>0</b>
<b>Analysis #:</b>	<b>382710</b>
Storage Temperature:	Desiccated

Parameter	Limit Values	Result
Chloride (Cl-)	0-0.1 (%)	0.03 %
Insoluble matter	0-0.2 (%)	0.02 %
Water by Karl Fischer	0-14 (%)	1.08 %
Ash	0-1 (%)	0.48 %
Iron(Fe)	0-25 (ppm)	4.60 ppm
Copper(Cu)	0-5 (%)	0.00 %
Transmission 620nm	95-100	98.00
Frozen points	25-27	25.90
Transmission 450nm	80-100	90.00
PH	5.5-6.5	5.70
viscosity	≥4 (mPa·S)	5.10000 mPa·S
SO2	0-300 (ppm)	8.00 ppm
Viscosity decline	0-10 (%)	2.00 %
gel strength , Bloom g	≥250	250.00
isoelectric point	4.7-5	4.80
Volatile sulfur	0-2 (ppm)	1.00 ppm
Active Sulfur	0-3 (%)	2.20 %
Dissolved time	0-20 (Min)	10.00 Min
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