

Certificate of Analysis

Date of Testing: 2024-08-07 13:35:39

Date of Next Testing: 2028-08-06 13:35:39

Product Name: **Gelatin**

CAS Number: 9000-70-8

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

Lot #: G2429321

SKU #: **G108397**

Version: **0**

Analysis #: **382710**

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/dm2	2 individual/dm2



ALADDIN SCIENTIFIC CORPORATION

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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