

Certificate of Analysis

Date of Testing: 2023-05-29 09:11:42
 Date of Next Testing: 2027-05-28 09:11:42
 Product Name: **Gelatin**
 CAS Number: 9000-70-8
 Specifications & Purity: Ph Eur , USP,BP , gel strength ~240 g Bloom
 Lot #: E23231145
 SKU #: **G108396**
Analysis: **221144**
 Storage Temperature: Desiccated

Parameter	Limit Values	Result
Chromium(Cr)	0-0.2 (ppm)	0.10 ppm
Viscosity decline	0-7 (%)	2.65 %
Heavy metals	0-50 (ppm)	12.00 ppm
Transmission 450nm(6.67% in H2O)	50-100 (mm)	70.00 mm
Transmission 620nm	90-100	95.00
Water by Karl Fischer	0-14 (%)	0.79 %
Ash	0-0.8 (%)	0.40 %
Insoluble matter in H2O	0-0.2 (%)	0.12 %
(As)Arsenic	0-0.8 (ppm)	0.40 ppm
Transmissivity	0-40 (ppm)	20.00 ppm
Mildew	0-100 (cfu/g)	36.00 cfu/g
PH	5-6.5	5.60
total bacterial count	0-800 (cfu/g)	300.00 cfu/g
gel strength , Bloom g	≥240	256.00
Leuciscus brandti viscosity	≥4.7 (mPa·S)	4.90 mPa·S
Appearance (G108396)	Off-White to Yellow Powder or Granules or chips	Off-White to Yellow Powder or Granules or chips
Escherichia Coli	none detected	none detected
Salmonella	none detected	none detected
Solubility in H2O , Yellow Clear to Hazy(50 mg/ml)	pass	Pass



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