

Certificate of Analysis

Date of Testing: 2023-09-05 11:39:55

Date of Next Testing: 2027-09-04 11:39:55

Product Name: **Gelatin**

CAS Number: 9000-70-8

Specifications & Purity: Ph Eur , USP,BP , gel strength ~240 g Bloom

Lot #: H2328474

SKU #: **G108396**

Analysis: **266131**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Chromium(Cr)	0-0.2 (ppm)	0.14 ppm
Viscosity decline	0-7 (%)	0.36 %
Heavy metals	0-50 (ppm)	1.05 ppm
Transmission 450nm(6.67% in H2O)	50-100 (mm)	52.80 mm
Transmission 620nm	90-100	95.30
Water by Karl Fischer	0-14 (%)	0.94 %
Ash	0-0.8 (%)	0.28 %
Insoluble matter in H2O	0-0.2 (%)	0.18 %
(As)Arsenic	0-0.8 (ppm)	0.11 ppm
Transmissivity	0-40 (ppm)	2.18 ppm
Mildew	0-100 (cfu/g)	1.63 cfu/g
PH	5-6.5	5.93
total bacterial count	0-800 (cfu/g)	12.30 cfu/g
gel strength , Bloom g	≥240	243.80
Leuciscus brandti viscosity	≥4.7 (mPa·S)	4.80 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



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

John Su
QA & QC Manager