

## Certificate of Analysis

|                          |   |
|--------------------------|---|
| Date of Testing:         | 2024-08-10 11:20:25                         |
| Date of Next Testing:    | 2028-08-09 11:20:25                         |
| Product Name:            | <b>Gelatin</b>                              |
| CAS Number:              | 9000-70-8                                   |
| Specifications & Purity: | Ph Eur , USP,BP , gel strength ~240 g Bloom |
| Lot #:                   | H2405448                                    |
| SKU #                    | <b>G108396</b>                              |
| Version                  | <b>0</b>                                    |
| <b>Analysis #:</b>       | <b>373056</b>                               |
| Storage Temperature:     | Desiccated                                  |

| Parameter  | Limit Values                                    | Result  |
|--|---|---|
| Chromium(Cr)                                       | 0-0.2 (ppm)                                     | 0.10 ppm  |
| Viscosity decline                                  | 0-7 (%)   | 0.52 %  |
| Heavy metals                                       | 0-50 (ppm)                                      | 0.18 ppm  |
| Transmission 450nm(6.67% in H2O)                   | 50-100 (mm)                                     | 52.63 mm  |
| Transmission 620nm                                 | 90-100  | 93.58   |
| Water by Karl Fischer                              | 0-14 (%)  | 0.86 %  |
| Ash  | 0-0.8 (%)                                       | 0.10 %  |
| Insoluble matter in H2O                            | 0-0.2 (%)                                       | 0.11 %  |
| (As)Arsenic  | 0-0.8 (ppm)                                     | 0.05 ppm  |
| Transmissivity                                     | 0-40 (ppm)                                      | 0.50 ppm  |
| Mildew   | 0-100 (cfu/g)                                   | 1.16 cfu/g                                      |
| PH   | 5-6.5   | 6.18  |
| total bacterial count                              | 0-800 (cfu/g)                                   | 0.04 cfu/g                                      |
| gel strength , Bloom g                             | ≥240  | 242.57  |
| Leuciscus brandti viscosity                        | ≥4.7 (mPa·S)                                    | 4.70 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". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager