



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-218567  
Lot Number: SAMPLE  
Product Name: Gelatin  
CAS Number: 9000-70-8  
Molecular Formula:  
Molecular Weight:

| Test                    | Specification                                | Result                                   |
|-------------------------|--|--|
| Appearance              | Yellowish to yellowish-brown powder          | Complies                                 |
| Identification          |  | Complies                                 |
| Conductivity            | $\leq 1$ mS/cm (1%, H <sub>2</sub> O, 30 °C) | 0.13 mS/cm (1%, H <sub>2</sub> O, 30 °C) |
| pH                      | 3.8 - 7.6 (1%, H <sub>2</sub> O)             | 5.49 (1%, H <sub>2</sub> O)              |
| Residual Solvents       |  | Complies                                 |
| Residue on Ignition     | $\leq 2.0\%$                                 | < 2.0%                                   |
| Water Insoluble Matter  |  | Complies                                 |
| Gelatinising capacity   |  | Complies                                 |
| Heavy Metals (Pb)       | $\leq 0.005\%$                               | < 0.005%                                 |
| Loss on Drying          | $\leq 15\%$                                  | 11.9%                                    |
| Arsenic                 | $\leq 0.00008\%$                             | < 0.00008%                               |
| Chromium                | $\leq 0.001\%$                               | < 0.001%                                 |
| Iron                    | $\leq 0.003\%$                               | < 0.003%                                 |
| Peroxide                | $\leq 0.001\%$                               | < 0.001%                                 |
| Sulfur Dioxide          | $\leq 0.004\%$                               | < 0.004%                                 |
| Zinc                    | $\leq 0.003\%$                               | < 0.003%                                 |
| Microbial Contamination | $\leq 1000$ CFU/g                            | < 1000 CFU/g                             |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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