

## Product Specification

|               |  |
|---------------|--|
| Product Name  | Gelatin, powdered, from porcine skin, 240g bloom |
| Glentham Code | GE2739   |
| CAS Number    | 9000-70-8  |
| EINECS        | 232-554-6  |
| MDL Number    | MFCD00081638                                     |

|                   |       |
|-------------------|-------|
| Molecular Weight  | -     |
| Molecular Formula | -     |
| Storage Temp.     | +20°C |

| Property                           | Specification                        |
|------------------------------------|--------------------------------------|
| Physical Description               | Pale yellow or beige granular powder |
| Solubility (6.67% in water, 60°C)  | Clear to faintly turbid, pale yellow |
| pH (1% in water)                   | 4.0 - 6.0                            |
| Ash                                | ≤ 2%                                 |
| Loss on Drying                     | ≤ 15.0%                              |
| Protein Content                    | 80 - 90 % (dried basis)              |
| Sulphur Dioxide (SO <sub>2</sub> ) | ≤ 50ppm                              |
| Arsenic (As)                       | ≤ 1ppm                               |
| Lead (Pb)                          | ≤ 5ppm                               |
| Cadmium (Cd)                       | ≤ 0.5ppm                             |
| Mercury (Hg)                       | ≤ 0.2ppm                             |
| Chromium (Cr)                      | ≤ 10ppm                              |
| Copper (Cu)                        | ≤ 30ppm                              |
| Zinc (Zn)                          | ≤ 50ppm                              |
| Gel Strength (Bloom)               | 230 - 250 g (67mg/ml in water)       |

|                       |   |            |
|-----------------------|---|------------|
| Specification Version | - | v1.0       |
| Date Created          | - | 2018-01-09 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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