

## Product Specification

|               |                                       |
|---------------|---------------------------------------|
| Product Name  | Chitosan hydrochloride (10 - 120 cps) |
| Glentham Code | GU8920                                |
| CAS Number    | 70694-72-3                            |

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

| Property                 | Specification                                    |
|--------------------------|--|
| Physical Description     | White to off-white, beige or light-yellow powder |
| Identification           | To pass tests                                    |
| Solubility (1% in water) | Colourless to pale yellow solution               |
| Water Insoluble Matter   | ≤ 0.5%   |
| pH (1% in water)         | 4.0 - 6.0  |
| Viscosity                | 10 - 120 cps (1% in water, 20°C)                 |
| Chlorides                | 10.0 - 20.0 %                                    |
| Heavy Metals             | ≤ 40ppm  |
| Lead (Pb)                | ≤ 0.5ppm   |
| Loss on Drying           | ≤ 10.0%  |
| Sulphated Ash            | ≤ 1.0%   |
| Degree of Deacetylation  | ≥ 80.0% (dried basis)                            |

|                       |   |            |
|-----------------------|---|------------|
| Specification Version | - | v1.0       |
| Date Created          | - | 2016-12-07 |

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025