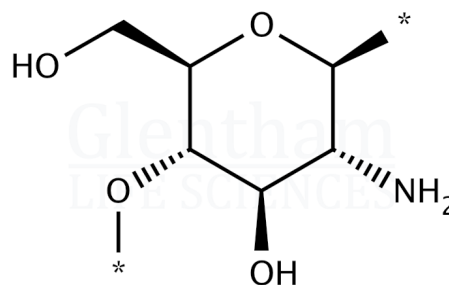


## Product Specification

|                   |  |
|-------------------|--|
| Product Name      | Chitosan (100 - 300 cps); low molecular weight |
| Glenthams Code    | GP7325   |
| CAS Number        | 9012-76-4                                      |
| EINECS            | 618-480-0                                      |
| MDL-Nummer        | MFCD00161512                                   |
| Molecular Weight  | 890,000 (avg.)                                 |
| Molecular Formula | $[C_6H_{11}NO_4]_n$                            |
| Storage Temp.     | +20°C  |



| Property                        | Specification             |
|---------------------------------|---------------------------|
| Physical Description            | White to light-tan powder |
| Degree of Deacetylation         | ≥ 90.0%                   |
| Sulphated Ash                   | ≤ 1.0%                    |
| Viscosity (1% in 1% AcOH, 20°C) | 100 - 300 cps             |
| Water                           | ≤ 8.0%                    |
| Solubility (in acetic acid)     | ≥ 99%                     |
| pH (1% in water, 20°C)          | 6.0 - 8.0                 |
| Arsenic (As)                    | ≤ 1ppm                    |
| Lead (Pb)                       | ≤ 0.5ppm                  |
| Mercury (Hg)                    | ≤ 0.1ppm                  |
| Cadmium (Cd)                    | ≤ 1ppm                    |
| Particle Size                   | ≤ 100mesh                 |
| Yeast and Mould                 | ≤ 100CFU/g                |
| Total Plate Count               | ≤ 1000CFU/g               |

|                       |              |
|-----------------------|--------------|
| Specification Version | - v1.1       |
| Date Created          | - 2020-02-18 |

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

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