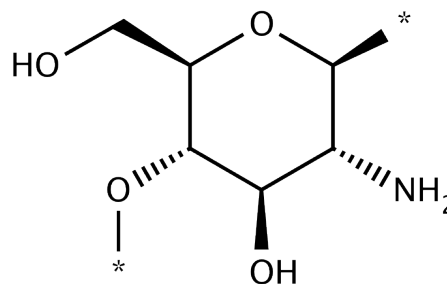


Product Specification

Product Name : Chitosan (10 cps), very low molecular weight
 Glentham Code : GP5480
 CAS Number : 9012-76-4
 EINECS : 618-480-0
 MDL Number : MFCD00161512

Molecular Weight : 30,000 (avg.)
 Molecular Formula : [C₆H₁₁NO₄]_n
 Storage Temp. : +20°C



Property	Specification
Physical Description	White to light-tan, or light-yellow powder
Degree of Deacetylation	≥ 90.0%
Ash	≤ 1.0%
Viscosity	≤ 10cps (1% in 1% acetic acid, 20°C)
Water	≤ 8.0%
Solubility (in acetic acid)	≥ 99%
pH	6.0 - 8.0 (1% in 1% acetic acid, 20°C)
Arsenic (As)	≤ 1mg/kg
Lead (Pb)	≤ 0.5mg/kg
Mercury (Hg)	≤ 0.1mg/kg
Cadmium (Cd)	≤ 1mg/kg
Particle Size	≤ 100 mesh
Microbiological Counts	E. coli, S. Aureus, Coliforms: ≤ 3MPN/g (each) Salmonella spp.: Not detected in 25g Yeast and Moulds: ≤ 100 CFU/g Total Plate Count: ≤ 1000 CFU/g

Specification Version : v1.1
 Date Created : 2016-06-03

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 or contact us using the details above for the current version of this document.

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