

Product Datasheet

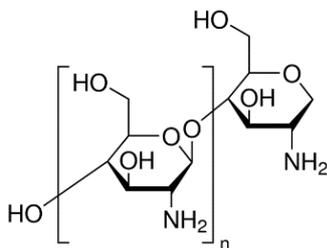
Chitosan, low molecular weight

Product Details

Product Name : Chitosan, low molecular weight
CAS Number : 9012-76-4

Structure

Molecular Weight : ~50,000
Molecular Formula : (C₆H₁₁NO₄)_n



tbp Product Specification

Degree of Deacetylation : $\geq 98.0\%$
Ash : $\leq 2.0\%$
Viscosity : $\leq 100\text{mPa.s}$
Water : $\leq 10.0\%$
Solubility (in acetic acid) : $\geq 99\%$
pH : 6.0 - 8.0 (1% in 1% acetic acid, 20°C)
Heavy Metals : $\leq 10\text{ppm}$
Particle Size : ≤ 40 mesh
Microbiological Counts :
: E. coli: Absent
: Salmonella spp.: Absent
: Yeast and Moulds: ≤ 10 CFU/g
: Total Plate Count: ≤ 100 CFU/g

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

tbp Product Specification

Physical Description : Off-white to light brown or yellow powder

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