

Product Datasheet

Chitosan (1000 - 2000 cps), high molecular weight

Product Details

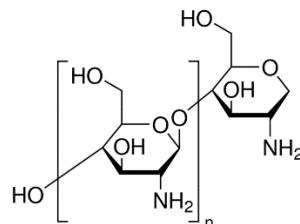
Product Name : Chitosan (1000 - 2000 cps),
high molecular weight
CAS Number : 9012-76-4

tbp Product Specification

Degree of Deacetylation	: $\geq 92.0\%$
Ash	: $\leq 1\%$
Viscosity	: 1000 - 2000 cps (1% in 1% aceticacid, 20°C)
Water	: $\leq 6.0\%$
Solubility (in acetic acid)	: $\geq 99\%$
pH	: 6.0 - 8.0 (1% in 1% acetic acid, 20°C)
Arsenic (As)	: $\leq .01\text{mg/kg}$
Lead (Pb)	: $\leq 0.001\text{mg/kg}$
Mercury (Hg)	: $\leq 0.01\text{mg/kg}$
Particle Size	: ≤ 50 mesh
Microbiological Counts	 : E. coli: Absent : Salmonella spp.: Absent : Yeast and Moulds: ≤ 10 CFU/g : Total Plate Count: ≤ 100 CFU/g

Structure

Molecular Weight : 1,500,000 (avg.)
Molecular Formula : [C₆H₁₁NO₄]_n



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 : White to light-tan, or light-yellow powder

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