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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

 $\begin{array}{lll} \mbox{Degree of Deacetylation} & : \geq 98.0\% \\ \mbox{Ash} & : \leq 2.0\% \\ \mbox{Viscosity} & : \leq 100 \mbox{mPa.s} \\ \mbox{Water} & : \leq 10.0\% \\ \mbox{Solubility (in acetic acid)} & : \geq 99\% \\ \end{array}$

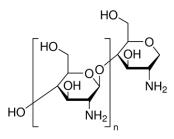
pH : 6.0 - 8.0 (1% in 1% acetic acid, 20°C)

 $\begin{tabular}{lll} \mbox{Heavy Metals} & : \leq 10 \mbox{ppm} \\ \mbox{Particle Size} & : \leq 40 \mbox{ mesh} \\ \end{tabular}$

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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