

Product Datasheet

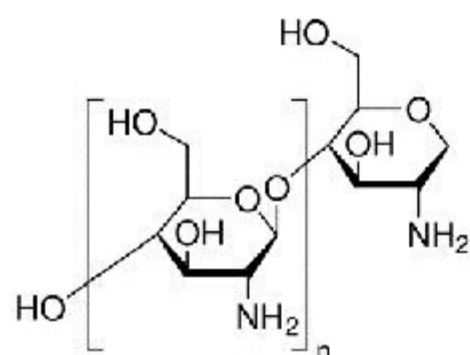
Chitosan (300 - 1000 cps), medium molecular weight

Product Details

Product Name : Chitosan (300 - 1000 cps),
medium molecular weight
CAS Number : 9012-76-4

Structure

Molecular Weight : 1,250,000 (avg.)
Molecular Formula : [C₆H₁₁NO₄]_n



tbp Product Specification

Degree of Deacetylation : $\geq 92.0\%$
Ash : $\leq 0.47\%$
Viscosity : 300 - 1000 cps
Water : $\leq 8.0\%$
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) : $\leq 0.12\text{mg/kg}$
Mercury (Hg) : $\leq 0.1\text{mg/kg}$
Particle Size : ≤ 60 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 Beige and Faint Brown to Light Brown

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