

## Product Datasheet

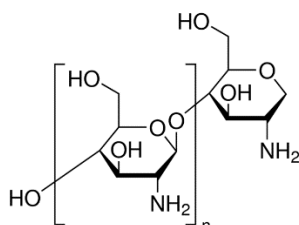
### Chitosan (1000 - 2000 cps), high molecular weight

#### Product Details

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

#### Structure

Molecular Weight : 1,500,000 (avg.)  
Molecular Formula :  $[C_6H_{11}NO_4]_n$



#### tbp Product Specification

Degree of Deacetylation :  $\geq 92.0\%$   
Ash :  $\leq 1\%$   
Viscosity : 1000 - 2000 cps (1% in 1% acetic acid, 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 :  $\leq 50$  mesh  
Microbiological Counts :  
: E. coli: Absent  
: Salmonella spp.: Absent  
: Yeast and Moulds:  $\leq 10$  CFU/g  
: Total Plate Count:  $\leq 100$  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 : White to light-tan, or light-yellow powder

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