



Chitosan for water treatment

Cat. No. NAT-0031

Lot. No. (See product label)

Product Name	Chitosan for water treatment
Common Name	Chitosan
Synonyms	chitin; chitosan ascorbate; deacetylated chitin biopolymer; N,O-sulfated chitosan; N-carboxybutyl chitosan; O-sulfated N-acetylchitosan; sulfated N-carboxymethylchitosan; sulfated O-carboxymethylchitosan.
Description	<p>Chitosan is a linear polysaccharide composed of randomly distributed β-(1\rightarrow4)-linked D-glucosamine (deacetylated unit) and N-acetyl-D-glucosamine (acetylated unit). Chitosan has a number of commercial and possible biomedical uses. It can be used in agriculture as a seed treatment and biopesticide, helping plants to fight off fungal infections. In winemaking, it can be used as a fining agent, also helping to prevent spoilage. In industry, it can be used in a self-healing polyurethane paint coating. In medicine, it is useful in bandages to reduce bleeding and as an antibacterial agent; it can also be used to help deliver drugs through the skin.</p>
Product overview	Ashes: <1% Water loss: <12.5% Heavy metals: <10ppm As: <1ppm Deacetylation: 90%
Morphology & Appearance	White or light yellow translucent sheet or powder
Purity	>97%
CAS Number	9012-76-4
Source	Shrimp and crab shell

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Storage

Store at room temperature

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