

## Product Datasheet

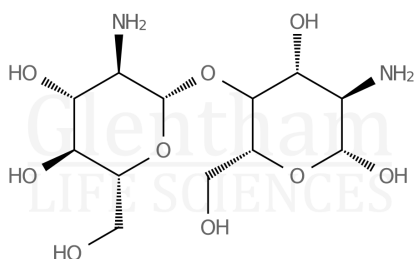
### GU3511 - Chitosan oligosaccharide, fungal origin

#### Product Details

Product Name	Chitosan oligosaccharide, fungal origin
Glenthams Code	GU3511
CAS Number	148411-57-8
MDL Number	MFCD00161512
Related Categories	Carbohydrates, Natural Products, Oligosaccharides, Chitin & Chitosan, Fungal Origin Chitin & Chitosan, Cosmetic Raw Materials

#### Structure

Molecular Weight :  $\leq 3,000$  (avg.)  
Molecular Formula : ---



#### Glenthams Product Specification

Physical Description	: Off-white to light-yellow or tan powder
Solubility (5% in water)	: Clear to slightly turbid, pale yellow to yellow-brown solution
Degree of Deacetylation	: $\geq 90.0\%$
Average Molecular Weight	: $\leq 3000$
pH (1% in water)	: 5.0 - 7.0
Ash	: $\leq 1.0\%$
Water	: $\leq 10.0\%$
Arsenic (As)	: $\leq 2.0\text{ppm}$
Lead (Pb)	: $\leq 1.0\text{ppm}$
Mercury (Hg)	: $\leq 0.5\text{ppm}$
Cadmium (Cd)	: $\leq 1.0\text{ppm}$
Heavy Metals	: $\leq 10\text{ppm}$
Particle Size	: 100% to pass 100 mesh
Origin	: Mushroom
Version	: v1.2

#### About Chitosan oligosaccharide, fungal origin

Chitosan oligosaccharide is an oligomer of  $\beta$ -(1, 4)-linked d-glucosamine, prepared by the hydrolysis of chitosan. It is highly water-soluble and is suited to a wide range of biomedical applications.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

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