

## Product Datasheet

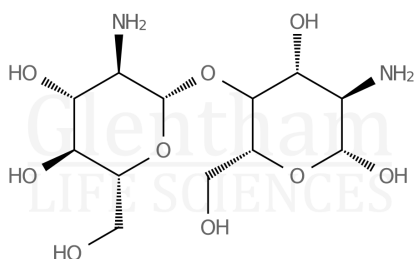
### GU3511 - Chitosan oligosaccharide, fungal origin

#### Product Details

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

#### Structure

Molecular Weight	: ≤ 3,000 (avg.)
Molecular Formula	: ---



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

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

#### 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	: ≥ 90.0%
Average Molecular Weight	: ≤ 3000
pH (1% in water)	: 5.0 - 7.0
Ash	: ≤ 1.0%
Water	: ≤ 10.0%
Arsenic (As)	: ≤ 2.0ppm
Lead (Pb)	: ≤ 1.0ppm
Mercury (Hg)	: ≤ 0.5ppm
Cadmium (Cd)	: ≤ 1.0ppm
Heavy Metals	: ≤ 10ppm
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.

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2025