

## Product Datasheet

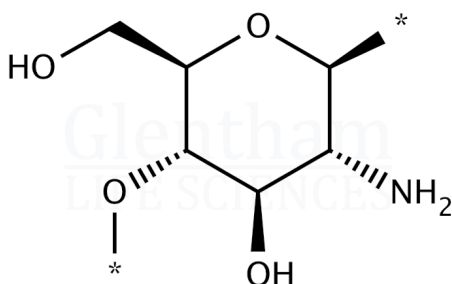
### GC8934 - Chitin, fungal origin

#### Product Details

Product Name	Chitin, fungal origin
Glenthams Code	GC8934
CAS Number	1398-61-4
EINECS	215-744-3
Numéro MDL	MFCD00466914
Related Categories	Carbohydrates, Natural Products, Polysaccharides, Chitin & Chitosan, Fungal Origin Chitin & Chitosan, Cosmetic Raw Materials

#### Structure

Molecular Weight : [203.19]<sub>n</sub>  
Molecular Formula : [C<sub>8</sub>H<sub>13</sub>NO<sub>5</sub>]<sub>n</sub>



#### 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	: White, off-white or light-yellow powder or flakes
Ash	: ≤ 2.0%
Loss on Drying	: ≤ 10.0%
Arsenic (As)	: ≤ 2.0ppm
Cadmium (Cd)	: ≤ 0.5ppm
Lead (Pb)	: ≤ 1.0ppm
Mercury (Hg)	: ≤ 0.5ppm
Heavy Metals	: ≤ 20.0ppm
Total Plate Count	: ≤ 1000CFU/g
Total Yeast and Mould Count	: ≤ 100CFU/g
Salmonella	: Negative
E. coli	: Negative
Origin	: Mushroom
Version	: v1.0

#### About Chitin, fungal origin

Chitin is a polysaccharide naturally found in the cell walls of fungi and is composed of β-1,4, linked N-acetyl-D-glucosamine units. The applications of chitin range from simply being a thickening agent to being used in the biomedical field due to its antimicrobial activity. It is also used to study chitinases and other related enzymes.

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