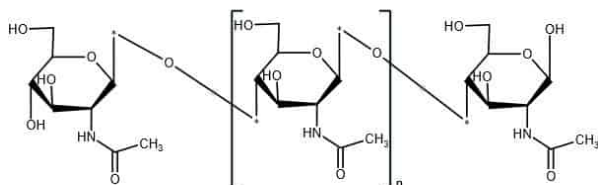


h1>Chitin, powder [1398-61-4]



CAS number: **1398-61-4**

Summary formula: **[C₈H₁₃NO₅] n**

Molar mass: **[203.19] n**

Synonyms: **none**

Translation [ENG]: **chitin**

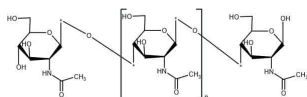
Application: **Chitin is used as a substrate to identify, differentiate and characterize chitinase and chitin deacetylase. Chitin can be used as a viscous / thickening agent or binder. chitin is a humectant and film-forming agent.**

VARIATIONS

Image

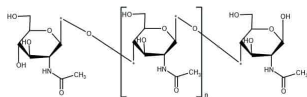
Price

Pack size



£759,96 gross | £617,85 netto

10 kg

Image
Price
Pack size


£1.804,81 gross | £1.467,33 netto

25 kg

PRODUCT DESCRIPTION

Chitin, powder [1398-61-4]

Chitin is used as a substrate to identify, differentiate and characterize chitinase and chitin deacetylase. Chitin can be used as a viscous / thickening agent or binder. chitin is a humectant and film-forming agent. It is a naturally occurring polysaccharide found in shells of crustaceans such as shrimp and crabs, as well as in some mushrooms and algae.

 Ash \leq 1.0%

 Protein \leq 1.0%

 Water \leq 10.0%

6.0 - 8.0 (1% in 1% acetic acid, 20 ° C)

 Arsenic (As) \leq 1 mg / kg

 Lead (Pb) \leq 0.5 mg / kg

 Mercury (Hg) \leq 0.1 mg / kg

 Particle size \leq 0.4 mm

Microbiological E. coli counts: absent

Salmonella spp.: Absent

 Yeast and molds: \leq 100 colonies / g

 Total number of shelves: \leq 1000 colonies / g

Hazard pictograms

Labeling of hazardous chemicals and mixtures that are part of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the shape of a square set on the top. They should contain a black symbol on a white background with a

red border.

Priority rules to be observed in connection with the labeling of a substance:

- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosive effect, the exclamation mark pictogram should not be added if it concerns eye or skin irritation.
- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.

Source: [GHS pictograms](#)