



GUINAMA. Laboratory distributor of raw materials for the pharmacy and cosmetics sectors .

Document type:

DATA SHEET

Review date:

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9.0

## QUITOSAN-88269

### 1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION.

#### 1.1 Identification of the substance or preparation.

Name: Chitosan

Bulk code: 88269

Internal code: 401338

#### 1.2 Synonyms.

High density chitosan , polysaccharide formed by repetitive units of D- glucosamine .

### 2. DESCRIPTION

Appearance: sliding powder

Color: white or beige

Odor: odorless.

Origin: Animal origin derived from the shell of crabs and shrimp (chitin).

Geographic origin: China.

### 3. COMPOSITION/INFORMATION ON COMPONENTS.

Molecular weight: 100.00 KDalton

INCI: Chitosan

CAS: 9012-76-4

EC: 618-480-0

### 4. PHYSICAL-CHEMICAL DATA.

For more detailed information, consult the analysis bulletin.

**Solubility:** insoluble in water (swells), soluble in acetic acid 1%

### 5. PROPERTIES/USES.

Oral use.

Not suitable for manufacturing food supplements or foods.

### 6. DOSAGE.

No data available.



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## 7. OBSERVATIONS.

### **STORAGE**

Store at room temperature in a cool, dry place, protected from light, in tightly closed containers, away from sources of heat and humidity.

The documentation corresponding to the regulatory part of the product that is available for it is what we reflect below

### **BSE/TSE:**

The product is BSE/TSE free.

### **GMO:**

The product is GMO free in accordance with Regulation 1829/2003/CE and Regulation 1830/2003 CE.

### **IRRADIATION:**

The product has not been irradiated in accordance with Directive 1999/2/EC and Directive 1999/3/EC.

### **PESTICIDES:**

The product complies with EC Regulations 396/2005.

### **RESIDUAL SOLVENTS:**

No solvents have been used in production.

### **CONTAMINANTS:**

The product complies with Regulation (EU) 2023/915 and (EC) 1881/2006.

### **IMPURITIES**

The product does not contain:

- Phthalates
- Latex
- Others: Artificial colors, artificial flavors, antioxidants, 3-MCPD, aspartame , caffeine.

### **HEAVY METALS:**

- Total metals:  $\leq 10$  ppm
- Lead:  $\leq 0.1$  ppm
- Cadmium:  $\leq 1.0$  ppm
- Mercury:  $\leq 0.1$  ppm
- Arsenic:  $\leq 1.0$  ppm

### **ALLERGENS:**

- **Food allergens:** According to the list of allergens listed in Annex II of Regulation (EC) 1169/2011, the product contains crustaceans and derivatives and may be contaminated with nuts.



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**HALAL:**

Halal requirements .

**NUTRITIONAL VALUE:**

- 396 Kcal per 100g.