



GUINAMA. Laboratory distributor of raw materials for the pharmaceutical and cosmetics industries.

Type of document:

TECHNICAL DATA SHEET

Review date:

26.04.2024

Version:

7.0

## 89823-CREATINE MONOHYDRATE

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

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

Name: Creatine monohydrate

Bulk code: 89823

Internal code: 405014

Valid from batch: 0118853

#### 1.2 Synonyms.

No information available.

### 2. DESCRIPTION

Appearance: Crystalline powder.

Colour: Colourless to yellowish.

Odour: Odourless.

Geographical origin: China.

Raw material origin: Synthetic.

### 3. COMPOSITION/INFORMATION ON COMPONENTS.

Formula:  $C_4H_9N_3O_2 \cdot H_2O$

CAS: 57-00-1/6020-87-7

EC No: 200-306-6

INCI: Creatine

Molecular weight: 149.15 g/mol

### 4. PHYSICO-CHEMICAL DATA.

For more information, see the analysis report.

**Solubility:** Soluble in hot water and in diluted mineral acid solutions, not very soluble in ethanol and insoluble in chloroform.

### 5. PROPERTIES/USES.

Cosmetic use. (Compliant with Directive 1223/2009/EC).

Oral use.

Not suitable for the manufacture of dietary supplements or foods.



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### **6. DOSAGE.**

No information available.

### **7. REMARKS.**

#### **STORAGE:**

Store at room temperature, in a cool, dry place, away from sunlight, in a tightly closed container.

The documentation available related to the product's regulatory compliance is included below.

#### **BSE-TSE:**

Not applicable. This is not a product of animal origin.

#### **GMOs:**

The product does not contain or derive from GMOs, complying with Directive 1829/2003/EC and 1830/2003/EC.

#### **CMR:**

The product does not contain CMR substances.

#### **SVHC:**

The product does not contain SVHC.

#### **NANOMATERIALS:**

The product does not contain nanomaterials.

#### **RADIATION:**

The product has not undergone irradiation in accordance with Directives 2/1999/EC and 3/1999/EC.

#### **COLOURANTS/PRESERVATIVES:**

The product does not contain colourings, preservatives, antioxidants or sequestrants.

The product does not contain parabens.

#### **RESIDUAL SOLVENTS:**

The product does not contain residual solvents.

#### **CONTAMINANTS/IMPURITIES:**

The product does not contain contaminants in accordance with Directives 1881/2006/EC and 629/2008/EC.

Furthermore, it does not contain:

- Alcohol.
- Dioxane.



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- Formaldehyde.
- Phthalates.
- Latex.
- Melamine.
- Nitrates, nitrites or nitrosamines.
- Ethylene oxide.
- PEG/PPG.
- Petroleum derivatives.
- Silicones.
- SLS/SLES.
- Substances noted in Appendix III-bis of Directive 68/2007/EC.

### ALLERGENS:

- **Food allergens:** The product does not contain any food allergens. The product does not contain gluten or lactose.
- **Cosmetic allergens:** The product does not contain any cosmetic allergens. The product does not contain substances that are prohibited in cosmetic products.

### HALAL:

The product is Halal suitable but it does not hold a certification.

### KOSHER:

The product is Kosher suitable but it does not hold a certification.

### VEGAN/VEGETARIAN:

The product is suitable for vegan/vegetarian use but it is not certified.

### WADA:

The product does not contain doping substances.

### TESTED ON ANIMALS:

The product has not been tested on animals in accordance with Regulation 1223/2009/EC.

### RSPO:

The product does not contain palm oil.

### REACH:

Compliant.