

**83261-METHIONINE-L****1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION.****1.1 Identification of the substance or preparation.**

Name: Methionine-L

Bulk code: 83261

Internal code: 401338

Valid from batch: 0129998

**1.2 Synonyms.**

L-methionine.

**2. DESCRIPTION**

Appearance: crystalline powder or colorless crystals

Color: white or almost white

Smell: characteristic

Origin: corn fermentation

Geographical origin of production: China

**3. COMPOSITION/INFORMATION OF THE COMPONENTS.**

Ingredients: Methionine L (99.5%)

Molecular formula: C<sub>5</sub>H<sub>11</sub>NO<sub>2</sub>S

IUPAC: (S)-(+)-amino-4-(methylthio)butyric acid

CAS: 63-68-3

EINECS: 200-562-9

Molecular weight: 149.21 g/mol

INCI: Methionine

**Method of obtaining:** corn fermentation.**4. PHYSICAL-CHEMICAL DATA.**

For more detailed information, please refer to the analysis bulletin.

**Solubility:** The product is soluble in water, soluble in dilute mineral acids and hot dilute alcohol. Very slightly soluble in alcohol and practically insoluble in acetone, absolute alcohol and ether.

## 83261-METHIONINE-L

### 5. PROPERTIES/USES.

Excipient for pharmaceutical use.

Food use.

### 6. DOSAGE.

No data available

### 7. OBSERVATIONS.

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

The product has been handled in a NON-sterile room, therefore the product is NOT STERILE.

### NUTRITIONAL INFORMATION:

#### For 100 gram

Total fat	0 gram
Saturated fat	0 gram
Trans fat	0 gram
Cholesterol	0 gram
Carbohydrate	0 gram
Dietary fiber	0 gram
Sugars	0 gram
Protein	0 gram
Sodium	0 gram
Calcium	0 gram
Total Calories	1000 KJ / 235 Kcal

### ALLERGENS:

- **Food allergens:** The product complies with Annex II of Regulation (EU) No 1169/2011 and does not contain any of the following allergenic substances:

- Gluten
- Cereals containing gluten and cereal products containing gluten.
- Crustaceans and crustacean products.
- Eggs and egg products.
- Fish and fish products.
- Peanuts and peanut products.
- Soy and soy products.
- Milk and dairy products (including lactose).

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- Nuts and derived products.
- Celery and derived products
- Mustard and derived products
- Sesame seeds and sesame seed products.
- Sulfur dioxide and sulfites in concentrations greater than 10 mg/kg or 10 mg/l (SO<sub>2</sub>).
- Lupins or lupin-based products.
- Molluscs or mollusc-based products.

**STORAGE:**

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

**USEFUL LIFE:** 3 years. For more detailed information, please consult the analysis bulletin.

**LEGAL REQUIREMENTS:**

The product complies with the following regulations:

- Reg. (EC) 178/2002 ; Reg. (EC) 852/2004 ; Reg. (EU) 1169/2011

**BSE/TSE:**

The product is BSE/TSE free.

**GMO:**

The product is GMO-free in accordance with Regulations 1829/2003/EC and 1830/2003/EC.

**NANOMATERIALS:**

Absent in accordance with Regulation (EU) 1169/2011.

**IRRADIATION:**

The product has not been irradiated in accordance with directives 1992/2/EC and 1999/3/EC.

The product has not been treated with ethylene oxide in accordance with Regulation (EC) 396/2005.

**PESTICIDES:**

The product does not contain pesticides in accordance with Regulation (EC) 396/2005.

**RESIDUAL SOLVENTS:**

The product complies with Directives 2009/32/EC and Directive 2010/59/EU.

**83261-METHIONINE-L****CONTAMINANTS/IMPURITIES:**

The product complies with Commission Regulation (EC) No.629/2008 and Regulation (EC) 1881/2006.

- **Melamine:**Absent according to Regulation (EU) No 594/2012.
- gelatin, collagen and animal products, highly refined products intended for human use: The product complies with Commission Regulation (EU) No. 2016/355

**HEAVY METALS:**

- Heavy metals: <0.0015%
- Lead (Pb)  $\leq 3$  ppm
- Cadmium (Cd)  $\leq 1$  ppm
- Arsenic (As)  $\leq 1$  ppm
- Mercury (Hg)  $\leq 0.1$  ppm

**VEGAN/VEGETARIAN:**

The product is suitable for vegan/vegetarian consumption.

**TESTED ON ANIMALS:**

The product has not been tested on animals.

**WADA:**

The product does not contain doping substances according to the WADA List.