

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: 0122161

1.2 Synonyms.

L- methionine .

2. DESCRIPTION

Appearance: crystalline powder or colorless crystals

Color: white or almost white

Smell: characteristic

Origin: corn fermentation

Geographic origin of production: China

3. COMPOSITION/INFORMATION ON COMPONENTS.Molecular formula: $C_5H_{11}NO_2S$

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 production: fermentation of corn.**4. PHYSICAL-CHEMICAL DATA.**

For more detailed information, consult the analysis bulletin.

Solubility: The product is soluble in water, soluble in dilute mineral acids and hot diluted alcohol. Very slightly soluble in alcohol and practically insoluble in acetone, absolute alcohol and ether.**5. PROPERTIES/USES.**

Pharmaceutical use excipient.

Alimentary use.

83261-METHIONINE-L**6. DOSAGE.**

Usual doses: 0.25-0.5 g/dose, 2 g/day, orally; maximum doses: 2.5 g/dose, 10 g/day, orally according to FUJ XII.

7. OBSERVATIONS.

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

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.

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 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.

CONTAMINANTS/IMPURITIES:

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

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- **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) ≤ 3 ppm
- Cadmium (Cd) ≤ 1 ppm
- Arsenic (As) ≤ 1 ppm
- Mercury (Hg) ≤ 0.1 ppm

ALLERGENS:

- **Food allergens:** The product does not contain any of the allergens listed in Annex II of Regulation 1169/2011. The product is gluten free.

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.