

94452 - ASCORBIC ACID**1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION****1.1. Identification of the substance or preparation**

Name: Ascorbic acid

Bulk code: 94452

Internal code: 40036

Valid from batch: 0136038

1.2. Synonyms

Vitamin C; L-Ascorbic acid; levitamic acid

2. DESCRIPTION

Appearance: powder with small crystals

Color: white or slightly yellowish. The color may change if exposed to air and humidity.

Origin: synthetic.

Geographic origin: China

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition: Ascorbic acid (approx. 100%).

Formula: $C_6H_8O_6$

CAS No.: 50-81-7

CE No.: 200-066-2

Molecular weight: 176.1 g/mol

INCI: Ascorbic Acid

Method of production: The product is made from sorbitol. This is fermented and, after processes of abstraction, esterification and conversion, concentration and crystallization, it is purified, dried and packaged.

4. PHYSICAL-CHEMICAL DATA

For more detailed information, please consult the analysis bulletin.

Solubility: The product is soluble in water and ethanol and insoluble in ether and chloroform.

Stability: Ascorbic acid powder is stable and non-volatile in its dry state; however, when exposed to atmospheric moisture, it can deteriorate and oxidize easily in aqueous solution. Contact with iron, copper, or nickel salts should be avoided.

94452 - ASCORBIC ACID**5. PROPERTIES/USES**

Excipient for pharmaceutical use.

Excipient for cosmetic use.

Oral use. Not suitable for the manufacture of food supplements or food products.

6. DOSAGE

No data available.

7. OBSERVATIONS.

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

STORAGE:

Store at room temperature ($25\pm 2^{\circ}\text{C}$) in a cool, dry place, protected from light, with the (non-metallic) container tightly closed. Protect from light and moisture. It is photosensitive, so it may darken if exposed to light.

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

BSE/TSE:

The product is not derived from specified risk materials, as defined in Regulation (EC) No 999/2001 . The product is free of TSE/BSE and complies with EU Directive EMA/410/01, current version.

GMO:

The product does not contain GMOs.

CMR:

The product is free of substances classified as CMR.

SVHC:

The product is SVHC free.

NANOMATERIALS:

The product does not contain nano-substances or nano-particles in accordance with decree 2012-232 and 20120806.

VOC:

The volatile organic compound in the product (ascorbic acid) is methanol and meets ICH-Q3c and USP<467> requirements. The solvent used is class 2: methanol (maximum 3000 ppm).

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IRRADIATION:

The product and its components have not been treated or irradiated with ethylene oxide.

ETHYLENE OXIDE:

The product has not been treated with ethylene oxide.

PESTICIDES:

The product is free of pesticides/herbicides and none were used during its manufacturing process.

ADDITIVES:

The product does not contain artificial preservatives, stabilizers and/or colorings.

RESIDUAL SOLVENTS:

The residual solvents of ascorbic acid meet the requirements of ICH-Q3c and USP<467>. The solvent used is class 2: methanol (maximum 3000 ppm).

CONTAMINANTS/IMPURITIES:

The product does not contain:

- Melamines: In accordance with (CE) 2023/915.
- Dioxins: In accordance with (EC) 2023/915.
- Latex
- Nitrosamines : There is no possibility of cross-contamination with nitrosamines during the manufacturing process.
- Phthalate Esters

HEAVY METALS:

The product meets the following table:

Heavy Metal	≤10ppm
Arsenic	≤1ppm
Lead	≤1ppm
Mercury	≤1ppm
Cadmium	≤1ppm
Cooper	≤5ppm
Iron	≤2ppm

PROPOSITION 65:

This product is not listed under California's Proposition 65. No contaminants or byproducts contained in ascorbic acid are known to be listed under Proposition 65.

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ALLERGENS :

- **Food allergens:** The product is free of allergens and complies with Regulation (EU) No 1169/2011.
- **Cosmetic allergens:** The product is free of cosmetic allergens.

HALAL:

Halal certified .

KOSHER:

kosher certified .

VEGAN/VEGETARIAN:

The product is suitable for vegan, vegetarian and ovo-lacto-vegetarian use.

NUTRITIONAL COMPOSITION:

Nutrient	Amount per 100 Grams (as is basis)	Unit
Fat	/	Milligram
Protein	/	Milligram
Carbohydrates(total)	/	Milligram
Energy	/	Calories
Sodium	/	Milligram
Niacin	/	Milligram
Aluminium	/	Milligram
Chromium	/	Milligram
Calcium	/	Milligram
Iron	/	Milligram
Zinc	/	Milligram
Copper	/	Milligram
Moisture	/	Milligram
Vitamin A	/	Milligram
Vitamin C (Ascorbic Acid)	99.0~100.5	Gram
Thiamine(Vitamin B1)	/	Milligram
Riboflavin(Vitamin B2)	/	Milligram
Vitamin D	/	Milligram
Vitamin E	/	Milligram
Vitamin B4	/	Milligram
Folic Acid	/	Milligram
Vitamin B12	/	Milligram
Potassium	/	Milligram
Iodine	/	Milligram
Magnesium	/	Milligram
Dietary Fiber	/	Milligram
Selenium	/	Milligram
Manganese	/	Milligram
Total Sugars	/	Milligram
Added Sugars	/	Milligram

Note: The value of Ascorbic Acid is calculated by content.

TESTED ON ANIMALS:

The product has not been tested on animals.

PALM OIL:

The product does not contain palm oil or substances derived from palm oil.



GUINAMA. Laboratory distributor of raw materials for the pharmaceutical and cosmetic sectors .

Document Type:

TECHNICAL SPECIFICATIONS

Revision date:

29/01/2026

Version:

14.0

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REACH:

Exempt.

TARIFF HEADING:

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