

**87852-CALCIUM ASCORBATE****1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION****1.1 Identification of the substance or preparation**

Name: Calcium ascorbate

Bulk code: 87852

Internal code: 401338

Valid from batch: 0118395

**1.2 Synonyms**

E-302, calcium salt of ascorbic acid dihydrate, calcium ascorbate dihydrate.

**2. DESCRIPTION**

Appearance: Crystal or crystalline powder

Colour: White or slightly yellowish

Origin: Synthetic

Geographical origin: China

**3. COMPOSITION/INFORMATION ON COMPONENTS**Formula:  $C_{12}H_{14}CaO_{12} \cdot 2H_2O$ 

CAS: 5743-28-2

EINECS No.: 227-261-5

Molecular weight: 426.3 g/mol

INCI: Calcium ascorbate

**4. PHYSICO-CHEMICAL DATA**

For more information, see the analysis report.

**Solubility:** The product is soluble in water, minimally soluble in water and insoluble in ether.**5. PROPERTIES/USES**

Food use.

**6. DOSAGE**

No information available.

## 87852-CALCIUM ASCORBATE

**7. REMARKS****STORAGE:**

Store at room temperature in a cool, dry, well-ventilated place away from sunlight, in a tightly closed container. Do not store in metal containers.

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

**BSE/TSE:**

Does not contain and does not derive from materials at risk of BSE/TSE.

**GMOs:**

The product does not contain GMOs, as per Regulations (EC) 1829/2003 and 1830/2003.

**NANOMATERIALS:**

Absent, as per Regulation 1169/2011.

**RADIATION:**

The product has not been irradiated or ionised for preservative treatment, as per Directives (EC) 1999/3 and 1999/2.

**PESTICIDES:**

Compliant with Regulation (EC) 396/2005.

**RESIDUAL SOLVENTS:**

Compliant with Directives (EC) 2009/32 and (EU) 2010/59.  
May contain methanol in quantities  $\leq 3000$  ppm.

**CONTAMINANTS:**

Compliant with Regulations (EC) 1881/2006 and 629/2008.

**IMPURITIES:**

PCBs and melamine: compliant with Regulation (EU) 594/2012, Regulation (EC) 1881/2006 and Regulation (EU) 2022/1370.  
Gelatin, collagen or highly refined animal-based products for human use: compliant with Regulation (EC) 2016/355 and Regulation (EC) 853/2004.

**HEAVY METALS:**

Heavy metals (such as lead) may be found in amounts  $\leq 3$  ppm.  
Lead (Pb)  $\leq 1.0$  ppm.  
Arsenic (As)  $\leq 1.0$  ppm.  
Mercury (Hg)  $\leq 0.1$  ppm.  
Cadmium (Cd)  $\leq 0.5$  ppm.



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

Type of document:

TECHNICAL DATA SHEET

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Version:

3.0

## 87852-CALCIUM ASCORBATE

### ALLERGENS:

- **Food allergens:** The product does not contain any of the food allergens listed in Annex II to Regulation (EU) 1169/2011. The product does not contain fructose, gluten or any of the substances included in the Alba list.

### VEGAN/VEGETARIAN:

The product is suitable for vegan/vegetarian use.

### NUTRITIONAL VALUE:

1074 kJ/248 kcal for every 100 g of product.

### DOPING SUBSTANCES:

The product does not contain any of the substances included in the WADA List of Prohibited Substances.

### ANIMAL TESTING:

The product has not been tested on animals for cosmetic purposes.