

## L-ASCORBIC ACID E300

### DESCRIPTION

L-Ascorbic Acid (Vitamin C) Chemical formula:  $C_6H_8O_6$

Molecular weight: 176.13 EINECS: 200-066-2

Crystalline powder ranging from white to light yellow in color, odorless, with a typically acidic taste. Additive used as an antioxidant in foods where its use is authorized.

### SPECIFICATIONS

Content (dry basis): 99 - 100.5%

pH (2% solution): 2.4 - 2.8

Melting point (with decomposition): 189 - 191 °C

Loss on drying: max. 0.4%

Sulfated ash: max. 0.1%

Specific optical rotation: 20.5 - 21.5°

Assay: 99 - 100.5%

Copper: max. 5 mg/kg

Heavy metals: max. 10 mg/kg

Mercury: max. 1 mg/kg

Lead: max. 2 mg/kg

Iron: max. 2 mg/kg

Arsenic: max. 3 mg/kg

### COMPOSITION

Ascorbic acid

### METHOD OF USE

Thanks to its antioxidant action, it prevents oxidative phenomena, maintaining stable color and preserving the organoleptic characteristics of wine. Disperse directly into the must or wine to be treated. Important: to adequately exercise its antioxidant action, **L-ASCORBIC ACID** must be protected by an adequate level of free sulfur dioxide.

Usage limitations: maximum quantity in treated wine placed on the market: 250 mg/l

### DOSAGE

In grapes: 5-10 g/100kg

In must: 5-10 g/hl

In wine: 5 to 15 g/hl

### PACKAGING

1 Kg and 25 Kg packages

## STORAGE

Closed package: store in a cool place (temperature below 25°C), dry, ventilated and odor-free. The product maintains its characteristics intact for at least 24 months from the production date.

Opened package: close carefully and store in a cool place (temperature below 15°C), dry and ventilated. Use the product within a short time.

## HAZARDS

This product must be stored, handled and used in accordance with appropriate industrial hygiene practices and in compliance with current legislation. Product for food and oenological use, for professional use only.