

# CA<sup>2+</sup> STAB™

Racemic tartaric acid or DL-Tartaric Acid.

*Qualified for the elaboration of products for direct human consumption in the field of the regulated use in Oenology.  
In accordance with the regulation (EU) 2019/934.*

## SPECIFICITIES AND OENOLOGICAL PROPERTIES

Stabilisation of calcium tartrate salts by specific precipitation of the excess of calcium. CA<sup>2+</sup>STAB™ reacts with soluble calcium and precipitates as (D) tartrate calcium. The precipitate then formed will be eliminated after racking or fining.

## PHYSICAL CHARACTERISTICS

Aspect ..... cristals      Colour ..... colorless  
 Specific rotation quality 10 g/L at 20°C (68°F) ..... null

## BIOLOGICAL & CHEMICAL ANALYSIS

Purity (%) ..... > 99      Mercury (ppm) ..... < 1  
 Sulphur ashes (%) ..... < 0.2      Iron (ppm) ..... < 10  
 Lead (ppm) ..... < 2      Arsenic (ppm) ..... < 3

## PROTOCOL FOR USE

### OENOLOGICAL CONDITIONS

- We recommend realising the treatment as soon as possible (ideally during alcoholic fermentation). The use on must is recommended. On wines in the ageing process, a period of 6 weeks before bottling preparation must be strictly respected.
- Do not mix after treatment with a must or with a wine rich in calcium.
- **The treatment must be done under the control of an enologist.**

### IMPLEMENTATION

Incorporation: dissolve CA<sup>2+</sup>STAB™ in 4 to 5 times its weight in water or wine. Add to the must or to the wine with a good homogenisation. The crystallisation can occur within a few days, it is usually accomplished by 4 to 6 weeks. A control of the final calcium concentration must be done at the end of the treatment.

## DOSAGE

To be determined depending on the initial calcium concentration of the must or wine: Quantity of CA<sup>2+</sup>STAB™ required for the treatment (mg/L) :  $([Ca^{2+}]_{initial} - [Ca^{2+}]_{final}) \times 4$ .

Dosage example:

Initial calcium concentration: 150 mg/L (150 ppm). → calcium concentration after treatment: 60 mg/L (60 ppm). → calcium quantity to eliminate: 90 mg/L (90 ppm). → CA<sup>2+</sup>STAB™ dosage to use: 360 mg/L or 36 g/hL (360 ppm).

## STORAGE

- Store above ground level in a dry area not liable to impart odours. Ensuring stock is kept at a moderate temperature, in its original, unopened packaging.
- Optimal date of use 2 years.
- Opened packs: use quickly.

## PACKAGING

2.5 kg bags - 10 kg boxes.

