

# Aleazym THIOLS MG



## COMPOSITION

Pectolytic enzyme for aromatic extraction.

## GENERAL CHARACTERISTICS

**Aleazym THIOLS MG** is a highly concentrated pectolytic pectinase enzyme produced from selected classical strains of *Aspergillus niger* for the treatment of white wines and musts.

## APPLICATIONS

**Aleazym THIOLS MG** is formulated for the extraction of aromatic compounds in white grape musts such as Sauvignon. In aromatic varieties it helps the hydrolysis of thiol precursors such as 4MMP, A3MH, 3MH, 4MMPOH, 3MMB.

The special activity on thiol compounds develops the typical aromatic expression of Sauvignon, such as tropical fruits.

It is characterized by several important enzymatic activities, such as pectin-lyase (PL, IUB 4.2.2.10), a key basic activity for pectin-esterase degradation; polygalacturonase (PG), rich in endo-PG activity, which in equilibrium with PL allows accelerated clarification; arabinase (AR) at high concentrations, which degrades the branched parts of pectins; hemicellulase and cellulase (CMC) to aid extraction; and pectin-esterase (PE), which prepares the substrate for PG intervention.

**Aleazym THIOLS MG** is purified by cinnamyl esterase activity.

## RECOMMENDED DOSAGES

- Maceration 2-5 g/hL from 1-8 h at 5-18°C
- Fermentation 2-4 g/hL

## MODE OF USE

**Aleazym THIOLS MG** performs rapid macerations at temperatures between 5-18°C and can be added during fermentation.

Make the addition (after dilution 10% in water) directly into the must, taking care to carefully homogenize the mass to be treated.

## PACKAGES AVAILABLE

Can 100 g    Can 500 g

## STORAGE CONDITIONS

Unopened package: store in a cool (possibly refrigerated environment at 10°C), dry and ventilated place.

Open package: close tightly and store as indicated above; consume quickly.

**Exclusively for oenological and professional use - Reg. (EU) 2022/68**

**Product obtained from raw materials in accordance with O.I.V. International Oenological Codex**

**Complies with Reg. (EC) No. 1332/2008**

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