

Tanicol **ONE L**

Antioxidant and protective effect of natural grape polyphenols easily applied during harvesting

CHARACTERISTICS

Tanicol ONE L is an ellagic (chestnut) tannin suitable for application in the early stages of red winemaking due to its high antioxidant effect, its ability to react with peptides and proteins to protect the grape's natural polyphenols and its positive effect on color. Its liquid format allows its easy application during the reception of the grapes.

APPLICATION

- In winemaking to reduce the amount of sulfur, antioxidant effect.
- On grapes with poor sanitary conditions, antioxidant effect.
- In red winemaking to increase the final color intensity of the wines.
- In short macerations of red vinifications to protect the grape's natural polyphenols.
- In elaborations with grapes of insufficient maturity as a complement to its structure.

Desired effect	Application	Dose
Organoleptic improvement	First stages of winemaking	30-120 ml/hl
Laccase inhibition	Harvest reception	>120 ml/hl

COMPOSITION

Hydrolyzable tannin (*Castanea sativa*) in 30% aqueous solution and sulfur dioxide (E-220).
(Contains sulfites: <1000 ppm).

ORGANOLEPTIC CHARACTERISTICS

- Antioxidant effect, by three ways: oxygen consumption, antioxidant effect and precipitation of heavy metals (catalysts of chemical oxidations).
- Antioxidant protection in grapes of poor sanitary quality by laccase inhibition.
- Positive effect on the color intensity of red wines, due to the co-pigmentation phenomenon.
- It causes the precipitation of peptides and proteins in the must, thus protecting the grape's natural phenols.

INSTRUCTIONS FOR USE

Apply directly or diluted (1:1) on the grape harvest or tank. Homogenize after addition in case it is added during vatting.

The best results are obtained with the PYXIS dosing system, which ensures correct homogenization of the product.

PHYSICAL APPEARANCE

Dark brown colored liquid.

PRESENTATION

Package 22 kg.

PHYSICOCHEMICAL AND MICROBIOLOGICAL PROPERTIES EP 393 (rev.0)

Total phenols [%] *	> 65
Ash [%] *	< 4
Insoluble fraction [%]*	< 2
As [mg/kg] *	< 3
Fe [mg/kg] *	< 50
Pb [mg/kg] *	< 5
Hg [mg/kg] *	< 5
SO ₂ [mg/l]	< 1000
Density 20°C (g/ml)	1.10 - 1.14
Dry residue [%] (w/w)	< 25

(*) Value refers to dry raw material.

CONSERVATION

Store in the original packaging in a cool, dry and odorless place.

Once opened, it should be used as soon as possible.

Best before: within 2 years after bottling.

RGSEAA: 31.00391/CR

Product complies with the International Oenological Codex and Regulation (EU) 2022/68.