



## Pinnacle Color Tan

*product information*



### Type:

Tannin for colour and polyphenol stabilisation in red winemaking.

### Characteristics:

- When added early in maceration, Pinnacle Color Tan inactivates oxidative enzymes, precipitates grape proteins and preserves endogenous tannins.
- When added later in maceration Pinnacle Color Tan promotes polymerisation and stabilisation of polyphenolanthocyanin by ethyl bridge mechanism.

### Application:

- Pinnacle Color Tan protects aromatic profile of the wine, enhancing a brighter and more stable colour.
- Pinnacle Color Tan contributes to a more stable tannic structure with high anthocyanin content.
- Pinnacle Color Tan is a powerful anti-oxidative tool that inhibits tyrosinase and laccase enzymatic activities (e.g. in botrytised grapes) and completes action of SO<sub>2</sub> thus avoiding overdoses of sulphites in wine.

### Formulation:

Mix of ellagic tannins and proanthocyanidins (Quebracho-free).

### Instructions for use:

Granulated form provides total solubility so direct addition in must is possible. However, to better homogenise and optimise action of Pinnacle Color Tan we recommend dissolving in wine/must (1:5 ratio) or in warm water before adding to the must.

### Dosage:

10-30 g/hL must or 10-30 gr/100kg grapes.

2 steps addition: 50% on crushed grapes, then 50% during fermentation with pumping over.

Double dose is recommended for low SO<sub>2</sub>, poor quality grapes (Botrytis), short maceration, low polyphenol content or wine dedicated to long ageing.

### Storage conditions:

Store the product in a fresh, dry, well ventilated room.

### Shelf life:

Five years from date of manufacture.

### Packaging:

1kg and 15kg bags.

### Scientific background:

Tannins are very reactive with enzymes and eliminate their activity. Pinnacle Color Tan should be added 4 hours before or after extraction enzymes (but never at the same time).

Product approved for oenological use, in accordance with the regulation (EC) n° 606/2009 and OIV codex.



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ANALYTICS	
Insolubles (Sol. 10g/L 1.2 µm)	< 2 %
Loss on drying	Max 10 %
Ash	Max 4 %
Fe	Max 80ppm
As	Max 3ppm
Pb	Max 5ppm
Hg	Max 1ppm
Total Phenol (Tannin)	Min 65 %
pH (Sol.5 %)	3.0 – 5.0 %

*Note: presence of chestnut tannin (ellagic) <20%.*



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The information presented is based on our research and commercial testing and provides a general assessment of product performance. Nothing contained herein is representative of a warranty or guarantee for which the manufacturer can be held legally responsible.

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