



FERMOTAN Liquid

Reactive tannin for quick reaction with colored pigments



→ TECHNICAL DESCRIPTION

Tannins can be described as being grape's natural antioxidants, they protect the colour and aroma compounds from the action of oxidasic enzymes, such as laccase, as well as from the free radicals that are formed from the oxidation of polyphenolic molecules.

The stage between grapes crushing and the onset of fermentation is a crucial one since considerable quantities of dispersed oxygen are present and tannins extraction from grape skin and pips is hindered because of the scarcity of ethanol content. This wealth is trapped in the berry, preventing it from protecting the anthocyanins and capturing the oxygen. The anthocyanins, on the other hand, are rapidly extracted from the skins during this stage making them prone to oxidation just as quickly.

The wine maker can avoid this obstacle by adding exogenous tannins which preserve the colouring matter by creating stable bonds, protecting it from oxidation during the breakdown of sugars into alcohol, up to the time when the grape tannins are extracted.

Fermotan Liquid is a vinification tannin with antioxidation and colour stabilization properties. From the onset of fermentation, anthocyanins are extracted faster than tannins. In order not to extract these colour compounds in vain, it is imperative to protect them from the oxygen and steer them towards stable polymerization forms, such as those with proanthocyanidins. The synergy among the 3 classes of tannins (ellagic, proanthocyanidinic and gallic), exerts a triple protective action towards the anthocyanins.

→ COMPOSITION AND TECHNICAL CHARACTERISTICS

Ellagic tannins, proanthocyanidinic tannins, gallic tannins.

→ DOSAGE

From 10 to 60 g/hL.

→ INSTRUCTIONS FOR USE

Mix in a separate tub with warm water (35°C/95°F) and add to the crusher or tank during fermentation of red musts but preferably dosed in two or three different additions during the course of fermentation and maceration.

→ STORAGE AND PACKAGING

Fermotan Liquid is stable at room temperature for at least three years.

- 5 kg net drums.
- 25 kg net drums.
- 250 kg net drums.
- 1200 kg net IBC.

