



# Vitaferment® PH

Nutrient for alcoholic fermentation, Vitaferment® PH helps yeast multiplication and reduces fermentation deviations.



## PRODUCT CHARACTERISTICS

- ◆ **Formulation:** Diammonium phosphate (E 342) and thiamine dihydrochloride (Vitamin B1).
- ◆ **Enological benefits:** To ensure a good start to the alcoholic fermentation, the yeast must have all the **nutritional elements** that they require for their **multiplication** and fermentary metabolism, including thiamine and assimilable nitrogen.  
The must does not always contain enough of these elements, making it necessary to add them. Vitaferment® PH helps to ensure the availability of these nutrients. It **promotes yeast multiplication** at the beginning of the fermentation, thus **limiting problems** during the fermentation.



## DIRECTIONS FOR USE

- ◆ The addition must be determined according to the must's initial deficiency. Add after inoculating with ADY (do not mix the preparations) and/or after the first third of the fermentation. Add directly into the must and homogenise with a pumper-over. Incorporate in 2 steps: half of the amount is added after yeast inoculation, after dissolution into a small amount of must ; the other half is added during an aerated pump-over when must specific gravity has fallen by 0.03 units (make preliminary air exposure test).
- ◆ **Dosage:** 10 to 50 g/hL. 10 g/hL bring 21 mg/L of assimilable nitrogen.  
**Maximum legal dosage (EU regulation):** 50 g/hL (at this dosage, the maximum authorised dosage of thiamine is added: 60 mg/hL).



## SPÉCIFICATIONS

### PHYSICAL

- ◆ **Appearance & colour:** Colourless crystals
- ◆ **Solubility in water:** Soluble

### COMPOSITION

- ◆ **H<sub>3</sub>PO<sub>4</sub>:** Entre 71.5 % et 76 %
- ◆ **NH<sub>3</sub>:** > 25 %
- ◆ **Thiamine hydrochloride:** about 0.120 %

### IDENTIFYING CHARACTERISTIC

- ◆ **pH (at 1%-25°C):** between 7,8 and 8,4

### LIMITS

- ◆ **Lead:** < 3 mg/kg
- ◆ **Mercury:** < 1 mg/kg
- ◆ **Arsenic:** < 3 mg/kg
- ◆ **Iron:** < 50 mg/kg
- ◆ **Sulphuric ashes:** ≤ 5 g/kg
- ◆ **Chlorides (expressed in HCl):** < 1 g/kg
- ◆ **Nitrates:** Absence
- ◆ **Sulphates (expressed in H<sub>2</sub>SO<sub>4</sub>):** < 1 g/kg



## PACKAGING & CONSERVATION

- ◆ Bags of 1 kg and bags of 5 kg (in 20 kg box). Bags of 25 kg.
- ◆ Store in its original packaging hermetically sealed, in a cool, clean and dry place without odors. Respect the optimal date of use written on packaging. Use quickly after opening.