



# POLYMUST® ROSÉ

Complex allergen free preparation with vegetal protein (patatin, which is a potato protein isolate) and PVPP to control rosé must oxidation.

*Qualified for the elaboration of products for direct human consumption in the field of the regulated use in Oenology.*

*In accordance with the regulation (EC) n° 606/2009.*

## SPECIFICATIONS AND OENOLOGICAL APPLICATIONS

POLYMUST® ROSÉ is the combination of vegetal protein (patatin, which is a potato protein isolate), specifically selected for its high reactivity towards phenolic compounds, and PVPP, for the prevention and control of rosé musts oxidation in fermentation. POLYMUST® ROSÉ decreases the content in phenolic compounds and allows the stabilisation of the hue by eliminating oxidised polyphenols that may alter wine colour.

## EXPERIMENTAL RESULTS

	L*	a*	b*	IPT	Phenol acids
POLYMUST® ROSÉ	88.24	9.41	4.15	8.1	5..
Product A	82.04	10.07	5.26	8.9	5.4
Product B	84.64	9.14	4.07	8.5	5.3

Table 1: Fining trial in fermentation on a Syrah Rosé must 2015. TAP 12%vol, pH 3.71, TA 5.85 g/L Tartaric acid. POLYMUST® ROSÉ (100 g/hL), Product A casein based (120 g/hL), Product B Carbon based (100 g/hL). POLYMUST® ROSÉ maintains a great luminosity of wines (L\*) and has a good impact on the diminution for yellow hue (b\*).

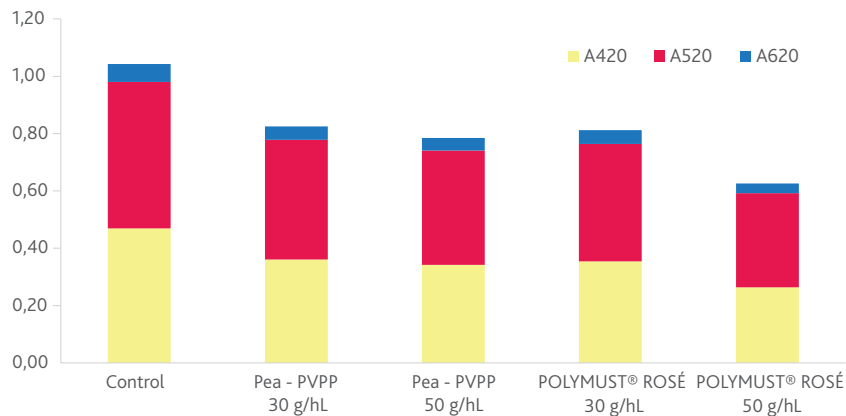


Figure 2: Static fining trial at 7°C before AF, Modified Color Intensity measures. Cabernet Sauvignon Rosé must 2015, TAP 12% vol., pH 3.30, TA 4.17 g/L Tartaric acid. Potato protein and the formulation of POLYMUST® ROSÉ allow to go further in the protection against oxidation of rosé musts than pea protein based formulations.



## PHYSICAL CHARACTERISTICS

Aspect ..... powder

Colour ..... beige

## CHEMICAL ANALYSIS

Humidity..... < 7.5%

Lead ..... < 3.5 ppm

Ashes..... < 3.5 %

Mercury ..... < 1 ppm

Arsenic..... < 3 ppm

Cadmium..... < 1 ppm

Iron..... < 150 ppm

Zinc..... < 23 ppm

## PROTOCOL FOR USE

### OENOLOGICAL CONDITIONS

- It is best to do the treatment before or during fermentation.

### DOSAGE

Between 30 and 80 g/hL – 300 to 800 ppm.  
Maximum legal dose (EU): 130 g/hL- 1300 ppm.

### IMPLEMENTATION

Dissolve POLYMUST® ROSÉ in 10 times its weight in water. The POLYMUST® ROSÉ solution must be used within the same day of preparation.

### STORAGE

- Store in original sealed packages, in a cool dry place (off the floor) in an odour-free environment.
- Do not use an open bag.
- Optimal date of use: 3 years.

### PACKAGING

1 kg bag.  
10 kg bag.



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