POLYMUST® ROSÉ

Complex preparation with vegetable protein (patatin) 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 current EU regulation n° 2019/934.

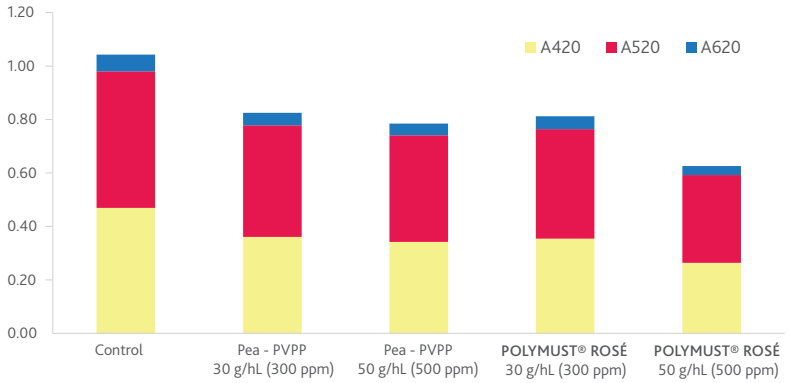
SPECIFICATIONS AND OENOLOGICAL APPLICATIONS

POLYMUST® ROSÉ is the combination of vegetable protein (patatin), 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

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 - 1000 ppm), Product A casein based (120 g/hL - 1200 ppm), Product B Carbon based (100 g/hL - 1000 ppm).* **POLYMUST® ROSÉ** *maintains a great luminosity of wines (L*) and has a good impact on the diminution for yellow hue (b*).*



Static fining trial at 7°C (44.6°F) before AF, Modified Colour Intensity measures.
Cabernet Sauvignon Rosé must 2015, TAP 12% vol., pH 3.30, TA 4.17 g/L tartaric acid.

Patatin and the formulation of ***POLYMUST® ROSÉ*** *allow to go further in the protection against oxidation of rosé musts than pea protein based formulations.*

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PHYSICAL CHARACTERISTICS

Aspect	powder
Colour	beige

CHEMICAL ANALYSIS

Humidity (%)	< 8	Mercury (ppm)	< 1
Ashes (%)	< 3.5	Cadmium (ppm)	< 1
Arsenic (ppm)	< 3	Zinc (ppm)	< 25
Iron (ppm)	< 300	SO_2 (ppm)	> 10
Lead (ppm)	< 3.5		

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): 120 g/hL (1200 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 RECOMMENDATION

- Store above ground level in a dry area not liable to impart odours. Ensuring stock is kept at a moderate temperature, in its original, unopened packaging.
- Optimal date of use: 3 years.

PACKAGING

1 kg bag.
10 kg bag.

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