

# Polygom



Formulation made from a blend of arabic gums, selected from *Acacia verec* and *Acacia seyal*. Polygom contributes to the colloidal structure of wines, in which it confers stability while enhancing the balance of wines.



## PRODUCT CHARACTERISTICS

- ◆ **Formulation:** Filtered solution of selected gum Arabic with very low clogging index. Contains sulphites (E220).
- ◆ **Enological benefits:** A gum's action is strongly correlated to its structure and the botanical species it is sourced from, either *Acacia verec* (stabilising) or *Acacia seyal* (roundness). Polygom is a blend of gums from these two species. It combines **stability** and **enhance the balance of wines**.

This gum Arabic has a “**colloid protector**” effect on wines, promoting:

- Stability of the colour matter
- Prevention of metal or protein hazes
- Increased effectiveness of other stabilisers such as metatartaric acid



## DIRECTIONS FOR USE

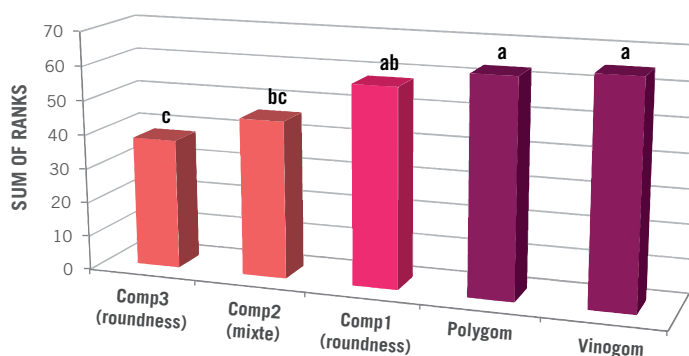
- ◆ Incorporate homogeneously during a pump-over, before or after filtration, or even directly during bottling using a dosing pump.
- ◆ **Dosage:** *Red wine:* 13 cL/hL. *White or rosé wine:* 5 to 13 cL/hL. Doses are provided as a guide. The optimal dose will be determined by a laboratory test or on the advice of your oenologist. **Maximum legal dosage (EU regulation):** 13 cL/hL.



## TRIAL RESULTS

### RANKING ON THE PERCEPTION OF “ROUNDNESS”

Red wine Bordeaux, 2012 • 18 experts (oenologists)



#### Result :

Polygom brings as much “ roundness ” to the wine being treated as the reference gums.

Treatment at the average dose recommended by the supplier. Tasting the same day.

Statistical results: significant differences\*.

\* Significant Friedman test (F = 11,96 ; X² = 9,49)

Significant differences between modalities if difference > 15



## SPECIFICATIONS

### PHYSICAL

- **Appearance & colour:** Yellow limpid liquid
- **Density (g/mL):** 1090 g/L  $\pm$  3

### COMPOSITION

- **Purity:** > 99,5 %
- **SO<sub>2</sub> (E220):** 2,5 g/L  $\pm$  0,25
- **Gum arabic concentration:** ~230 g/L

### MICROBIOLOGICAL

- **E.coli:** Absence/ 1g
- **Salmonella:** Absence/1g

### LIMITS

- **Iron:** < 60 mg/kg
- **Lead:** < 2 mg/kg
- **Mercury:** < 1 mg/kg
- **Arsenic:** < 3 mg/kg
- **Cadmium:** < 1 mg/kg



## PACKAGING & CONSERVATION

- ◆ Cans of 5.5 kg (box of 22 kg) and cans of 22 kg. Containers 1100 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.

GD/21-08-2025. For oenological use. This document is correct at the time of publication and is provided for information purposes only, without commitment or guarantee. This product should be used in accordance with the relevant legislation and standards. In accordance with the EU Regulation n°2019/934 (and its modifications).

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