

II.3.4.14 Adsorbant copolymer treatment (PVI/PVP)

Classification:

- PVI/PVP copolymer: processing aid

Definition:

The addition of polyvinylimidazole – polyvinylpyrrolidone copolymers (PVI/PVP) in order to reduce copper, iron and heavy metal contents.

Objectives:

- a) To prevent defects caused by too high metal contents (for example ferric casse).
- b) To reduce undesirable, high concentration of metals due to:
 - Must contaminated by metal cations
 - Metal cation contamination during must or wine treatment from winemaking equipment
 - Enrichment in copper following the treatment of wines by copper sulphate.

Prescriptions:

- a) The amount used should be less than 500 mg/l.
- b) When musts and wine are treated with PVI/PVP polymers, the accumulated dosage should be less than 500 mg/l.
- c) The copolymers should be eliminated after no more than 2 days after the addition taking into account the precautionary principle and separated from the wine by filtering before bottling
- d) The adsorbant copolymers used should comply with the prescriptions of the International Oenological Codex and in particular monomers limits.
- e) The implementation of the procedure shall be placed under the responsibility of an oenologist or a specialised technician.

Recommendation of the OIV:

Admitted.