

ANTARTIKA® VR

A next-generation tartrate stabiliser to prevent potassium bitartrate precipitation

CHARACTERISTICS

ANTARTIKA® VR is a preparation based on a novel polymer (polyamino acid) recently authorised by the OIV (resolution Oeno 543/201) and on a plant polysaccharide. It provides **effective stabilisation of wines with regard to tartrate precipitation of potassium bitartrate** without destabilising the colour of red wines.

OENOLOGICAL PROPERTIES

ANTARTIKA® VR is a protective colloid that acts both on the formation of crystals (nucleation) and on the growth of microcrystals of potassium bitartrate present in the wine.

ANTARTIKA® VR has no organoleptic effects.

ANTARTIKA® VR has no impact on final filtration. However, it is strongly recommended to carry out a prior filterability test.

ANTARTIKA® VR does not stabilise calcium tartrate.

Like metatartaric acid and CMC, **ANTARTIKA® VR can** react with lysozyme.

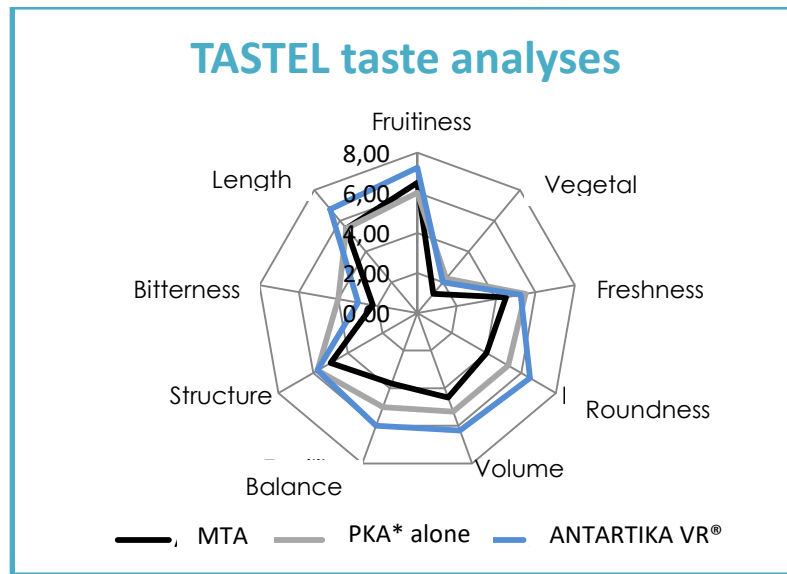
APPLICATIONS

ANTARTIKA® VR is recommended for an application on **red wines**. It acts almost instantly. Its effectiveness has been tested on various wines exhibiting either high tartaric instability or highly unstable colour (as shown in the examples below).

The tartrate stability of various wines was tested using a cold test: -4 °C for 6 days, while colour was tested using a cold test: 2 days at 4 °C.

Pinot noir d'Alsace: □µS= 243 high tartrate instability	Freezer 6 DAYS -4 °C
Control	deposit of colouring matter + tartrate crystals
Antartika® VR 20cL/hL	No deposit

Tartrate stability test: Pinot noir - Alsace 2016



ANTARTIKA® VR can be used on still white and rosé wines that are stable with regard to proteins. Ask your oenologist for advice. Product must only be added to wines at a temperature exceeding 12 °C.

DOSAGE

Dosage: 5 to 20 cL/hL.

Maximum legal dose according to current European regulations: 20 cL/hL

INSTRUCTIONS FOR USE

On still red wines:

ANTARTIKA VR® should be added using a metering pump or a 'precision injection system' micro-metering pump before final filtration, or directly into the bottling line. Mix the tank well when adding before final filtration.

Precautions for use:

Do not use prior to tangential flow filtration.

Analysing the tartrate instability of a red wine remains difficult. To verify the effectiveness of treatment on red wine with Antartika VR®, **only** a cold test for **6 days at -4 °C** will provide a reliable assessment.

Product for oenological and specifically professional use.

Use in accordance with current regulations.

PACKAGING

1 L, 10 L and 20 L cans

1 000 L

STORAGE

Store unopened, sealed packaging away from light in a dry, odour-free environment. Do not allow to freeze. Once opened use within 1 week.

Since we do not control the conditions of use and the implementation of our products, SOFRALAB cannot be held responsible in the event of treatment failure and presence of crystals in bottles, as well as precipitation of colouring matter.

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