

Product Data Sheet



VITIBEN® EU

VITIBEN® EU is a granulated, natural sodium-Bentonite from Wyoming, U.S.A. VITIBEN® EU is a clarifying agent and is designed to “fine” or remove undesirable compounds from wine and juice. These compounds include some phenolics, proteins and tannins, which are present in the fruit and result from natural enzyme reaction during processing and aging. Undesirable compounds cause haze, browning reactions, off-flavors, post-bottling settling and poor shelf life. The VITIBEN® EU fining agent absorbs and coagulates these undesirable substances so they can be easily filtered out during fining or clarification. Since the VITIBEN® EU fining agent is filtered out as well, it is unnecessary to list it as an ingredient on the product’s label.

Advantages

- Effective clarification and stability – VITIBEN® EU efficiently removes undesirable compounds such as proteins, phenolics and tannins that can cause haze, browning, off-flavours and reduced shelf life. This results in improved clarity, colour stability and overall product quality in wine, beer and juice
- Process-efficient and label-friendly – The fining agent absorbs and coagulates unwanted substances, which are easily removed during clarification or filtration. As VITIBEN® EU is completely filtered out, it does not need to be declared as an ingredient on the final product label.

Typical Properties

Parameter	Test method / In accordance with	Required
Moisture content	DIN 18121 1	Max. 15%
Grain size	> 1.8 mm	Max. 3.0 %
	< 0.2 mm	Max. 2.0 %
Smectite content	Methylene blue / XRD	80%
Neutralisation value	Oeno Codex 2003	Max. 2.50 eq/kg
% of elimination of proteins	Oeno Codex 2003	Min. 50%

Extractable trace metals (mg/l)

Parameter	Test method / In accordance with	Required
Iron (Fe)	ICP/AES	Max. 600 mg/kg
Arsenic (As)	ICP/AES	Max. 2 mg/kg
Mercury (Hg)	ICP/AES	Max. 1 mg/kg
Sodium (Na)	ICP/AES	Max. 10 mg/kg
Lead (Pb)	ICP/AES	Max. 5 mg/kg

VITIBEN® EU is available in 25 kg bags.

Version; v6 2026

*As far as we can judge, the above information is correct. However, we cannot give you any guarantees about the results you will achieve with this. This description is offered to you on the condition that you decide for yourself to what extent it is suitable for your purposes.

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