

Product Data Sheet

VITIBEN[®] EU

Performance Minerals - Beverage

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.

Typical Properties

<u>Parameter</u>	<u>Test method / In accordance with</u>	<u>Required</u>
Moisture content	DIN 18121-1	Max. 15%
Grain size	> 1.8 mm	Max. 3,0 %
	< 0.2 mm	Max. 2,0 %
Ph (5% suspension)	pH meter	8.5 – 10%
Smectite content	XRD	Min. 80%
Crystalline Silica	XRD	Max. 3%
Neutralisation value	Oeno Codex 2003	Max. 2,50 eq/kg
% of elimination of proteins	Oeno Codex 2003	Min. 50%

In so far as we can ascertain, the above-stated information is correct. However, we are unable to provide any guarantees with regard to the results that you will achieve with this. This specification is provided on the condition that you determine yourself to what degree it is suitable for your purposes.

Extractable trace metals (mg/l)

<u>Parameter</u>	<u>Test method / In accordance with</u>	<u>Required</u>
Iron (Fe)	ICP/AES	Max. 600 mg/kg
Arsenic (As)	ICP/AES	Max. 2 mg/kg
Mercury (Hg)	ICP/AES	0.10 mg/kg
Sodium (Na)	ICP/AES	10 mg/kg
Lead (Pb)	ICP/AES	Max. 5 mg/kg

VITIBEN® EU is available in 25 kg bags.

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