



## BEVERAGE BENTONITE

### Sodium/Calcium bentonite for clearing & ultrafiltration

#### Product description

**BEVERAGE BENTONITE** is a sodium-calcium bentonite, with the following characteristic:

- good deproteinising action
- easy dispersion
- low inert matter content
- deposit volumes reduced to a minimum
- the smell and taste of the wine are not affected
- for both fruit beverages, other beverages and wine

**BEVERAGE BENTONITE** is a product based on purified bentonite, it is a low abrasion material that protects membranes and pumps in the ultrafiltration process from damage. The high quality of the bentonite used ensures protein stabilization and proper clarification.

#### Packaging

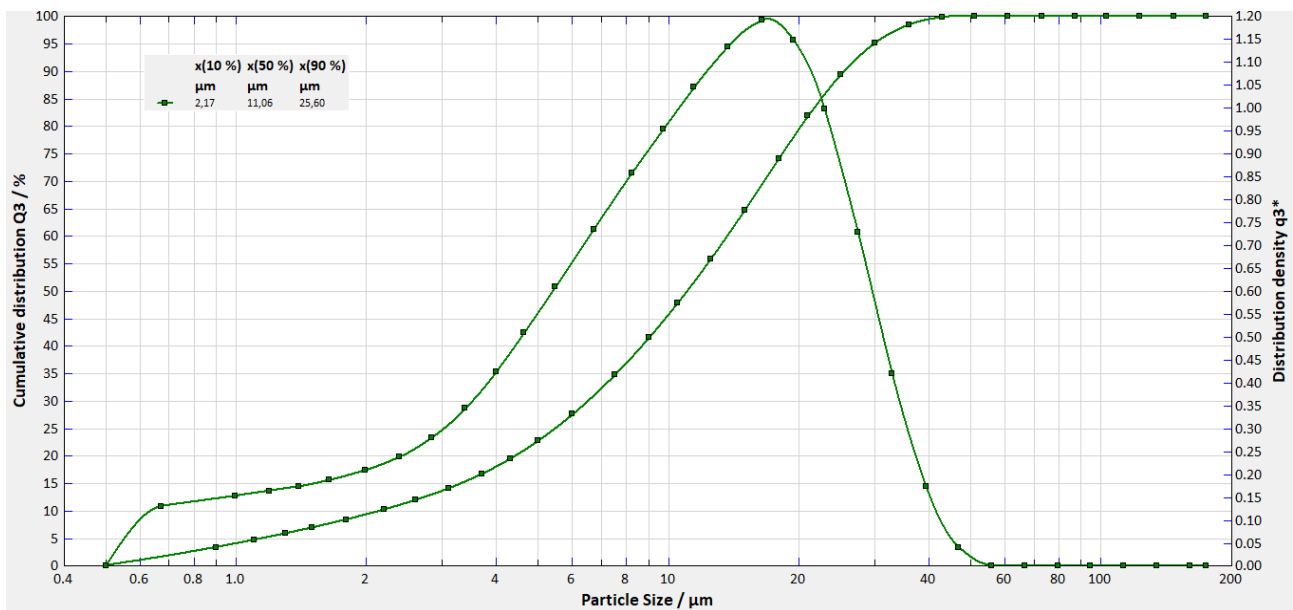
**BEVERAGE BENTONITE** is available in 20-kg paper bags, and micro producer and hobbyist sizes.

<b>BEVERAGE BENTONITE</b>		
<b>Chemical-physical characteristics (typical value):</b>		
Aspect	White to beige powder (Hunterlab L 85-90)	
Moisture	[%]	8 - 10
Swelling	[ml/2g]	12
Particle-size (dry residue on 45 micron)	[%]	max 0,3
Wet residue on 45 micron	[%]	max 0,1
Deproteinising strength (Codex Method)	[%]	35
<b>Chemical analysis (typical)</b>		[%]
Na <sub>2</sub> O		0,28
MgO		2,65
Al <sub>2</sub> O <sub>3</sub>		16,4
SiO <sub>2</sub>		70
P <sub>2</sub> O <sub>5</sub>		0,03
K <sub>2</sub> O		0,79
CaO		2,01
TiO <sub>2</sub>		0,2
MnO		0,04
Fe <sub>2</sub> O <sub>3</sub>		0,04
LOI		5,81

**BEVERAGE BENTONITE** has a soluble metals content comply with CODEX and German legislation.

<b>Typical value of soluble metals in tartaric acid 1% (German Wine Law):</b>		
Pb	[ppm]	2,80
As	[ppm]	0,70
Na	[g/100g]	0,40
Ca	[g/100g]	0,70
Mg	[g/100g]	0,16
Fe	[g/100g]	0,03

## Typical granulometric distribution



Residue on 15 micron = 35,34

Residue on 25 micron = 10,69

Residue on 35 micron = 0,86

Residue on 40 micron = 0,22

Residue on 45 micron = 0,00

Residue on 53 micron = 0,00

Residue on 75 micron = 0,00

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### **PRODUCTS FOR USE IN OENOLOGY AND BEVERAGE INDUSTRY**

*Information given in this bulletin is based on the state of our knowledge at the date of publication and are believed to be accurate, but do not constitute any engagement or warranty from our part. Buyers and users should make their own assessments under their own conditions and for their own requirements. Information may be changed without any notice. For mandatory characteristics and performance please refer to our Sale Specifications.*

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