



Product Specification UltraBent PORE-TEC UF

CAS – Number: 1302 – 78 – 9
 Description: Highly pure sodium-calcium bentonite granulated according to PORE-TEChnology for application on crossflow plants.
 Composition: 100% Bentonite

Parameter	Conforming values	Non-conforming values
Appearance	Brownish white	Not corresponding
Odour	Neutral	Not corresponding
Moisture	≤ 9 %	> 9 %
pH-Value	8 – 10	< 8 / > 10
Wet screening residue > 45 µm	≤ 0.50 %	> 0.50 %
Wet screening residue > 100 µm	≤ 0.05 %	> 0.05 %
<u>Soluble matter in 1% tartaric acid (German Wine law)</u>		
Soluble sodium	0.40 - 0.50 %	< 0.40 % / > 0.50 %
Soluble calcium	≤ 0.60 %	> 0.60 %
Soluble iron	≤ 0.13 %	> 0.13 %
<u>Soluble matter in 0.5% tartaric acid (OIV)</u>		
Soluble arsen	≤ 2 ppm	> 2 ppm
Soluble lead	≤ 5 ppm	> 5 ppm

Values for information purposes according to OIV codex		
Montmorillonite content	≥ 80 %	
Respirable crystal silica	< 0.3 %	
Presence of large particels	< 8 g / 100 g	
De-acidification test trials	< 2.5 Eq/kg	
<u>Components soluble in 0.5% tartaric acid, pH 3, OIV</u>		
Sodium:	≤ 1,0 %	
Calcium + Magnesium	≤ 100 meq/100g	
Mercury	≤ 1 ppm	
Iron:	< 0.06 %	
Aluminium	< 2,5 g/kg	

Bentonite is admitted in the European Union according to EU regulation 934/2019 and EU guideline 2012/12 for the treatment of wine and fruitjuices. The product in its purity and composition corresponds to the OIV Resolution 11/2003. User must check compliance with national regulations.

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