

# Certification Report



Item Number **0100**

Manufacturing date **28.09.2015**

Charge No. **141/15**

Name

**PANTARHIT 45 (BV)**

Application

**Concrete plasticizer for concrete acc. EN 934-2:T2**

Range of dosage in mass-% of cement **0,2 - 1,2**

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State liquid  
Steadiness homogeneous  
Colour dark brown  
  
Active substances lignin sulphonate

	Target	Tolerance ( $\pm$ )	Measured	Stat. Determ.
Density in g/ml	1,18	0,03	1,167	
Dry substance in mass-%	30	1,5	30,6	
pH-value	7 - 9		7,8	
Water-soluble chloride content in mass-% max	0,1			0,033
Total value of chlor in mass-% max	0,1			
Alkali content (Na <sub>2</sub> O-equivalent) in mass-% max	8,5			0,69

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