

# Certification Report



Item Number **0100**

Manufacturing date **22.03.2017**

Charge No. **29/17**

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**

State liquid  
Steadiness homogeneous  
Colour dark brown  
Active substances lignosulphonate

	Target	Measured	Stat. Determ.
Density in g/ml	1,15 - 1,21	1,166	
Dry substance in mass-%	28,5 - 31,5	30,6	
pH-value	7 - 9	8,0	
Water-soluble chloride content in mass-% max	0,1		0,040
Total value of chlor in mass-% max	0,1		
Alkali content (Na <sub>2</sub> O-equivalent) in mass-% max	8,5		0,67

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