

# Certification Report



Item Number **0400**

Manufacturing date **08.04.2014**

Charge No. **06/14**

Name

**PANTARHOL 90 (VZ)**

Application

**Retarder acc. EN 934-2:T8**

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

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State **liquid**

Steadiness **homogeneous**

Colour **brown**

Active substances **sucrose, ligninsulfonates**

	Target	Tolerance ( $\pm$ )	Measured	Stat. Determ.
Density in g/ml	1,04	0,02	1,046	
Dry substance in mass-%	11	1,1	10,2	
pH-value	4 - 6		5,5	
Water-soluble chloride content in mass-% max	0,1			0,008
Total value of chlor in mass-% max	0,1			
Alkali content (Na <sub>2</sub> O-equivalent) in mass-% max	1			0,03

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