

# Certification Report



Item Number **0820**

Manufacturing date 18.08.2014

Charge No. 10/14

Name

## PANTARHIT S (FM)

Application

### Superplasticizer for concrete acc. EN 934-2:T3.1/3.2

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

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State liquid

Steadiness homogeneous

Colour dark brown

Active substances lignosulfonates,naphthalene sulfonates

|   | Target | Tolerance (±) | Measured | Stat. Determ. |
|---|--------|---------------|----------|---------------|
| Density in g/ml   | 1,13   | 0,03          | 1,129    |               |
| Dry substance in mass-%                                     | 27     | 1,3           | 26,9     |               |
| pH-value  | 6 - 8  |               | 6,1      |               |
| Water-soluble chloride content in mass-% max                | 0,1    |               |          | 0,004         |
| Total value of chlor in mass-% max                          | 0,1    |               |          |               |
| Alkali content (Na <sub>2</sub> O-equivalent) in mass-% max | 1      |               |          | 0,01          |

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