

# Specification

Item number: 1HPL

Polyethylene glycol 6000

**ROTIPURAN® Ph. Eur., scaled**

CAS No.: 25322-68-3

print date: 01.01.2024

formula:

density: 1,2

molecular weight:

## Guarantee analysis

<b>Appearance</b>	solid, scaled
<b>Identity</b>	complies
<b>Average molar mass</b>	5600-6600 g/mol
<b>Colour count (APHA, 25 % in H<sub>2</sub>O)</b>	≤30
<b>Hydroxyl value</b>	17-20 mg KOH/g
<b>Solidifying point</b>	55-60 °C
<b>pH-value (5 % in H<sub>2</sub>O)</b>	4.5-7.5
<b>Water (KF)</b>	≤1.0 %
<b>Viscosity (50 % in H<sub>2</sub>O, 20 °C)</b>	210-262 mPas
<b>Sulphated ash</b>	≤0.1 %
<b>Dioxane</b>	≤0.0001 %
<b>Ethylene oxide</b>	≤0.0001 %
<b>Ethylene and diethylene glycol</b>	≤0.2 %
<b>Formaldehyde</b>	≤0.0015 %
<b>Acid reacting substances (0,1 M NaOH / 5 g)</b>	≤0.1 ml
<b>Reducing substances</b>	complies

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

**Dr. R. Niemand**  
Head of Quality Assurance

**S. Lorsee**  
Head of Quality Management

*This document is computer printout and has therefore not been signed by hand.*

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Die Firma ist eine Kommanditgesellschaft mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRA 100055. Persönlich haftende Gesellschafterin ist die Firma Roth Chemie GmbH mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRB 100428. Geschäftsführer: André Houdelet

