

# Specification

Item number: 0154

Polyethylene glycol 2000

**ROTIPURAN® Ph. Eur.**

CAS No.: 25322-68-3

print date: 25.03.2024

formula:

density: 1,2

molecular weight: 1800-2200 g/mol

## Guarantee analysis

<b>Appearance (20 °C)</b>	solid, scaly
<b>Identity</b>	complies
<b>Average molar mass</b>	1800-2200 g/mol
<b>Colour count (APHA, 25 % in H<sub>2</sub>O)</b>	≤30
<b>Hydroxyl value</b>	51-62 mg KOH/g
<b>Solidifying point</b>	48-52 °C
<b>pH-value (5 % in H<sub>2</sub>O)</b>	4.5-7.5
<b>Water (KF)</b>	≤1.0 %
<b>Viscosity (20 °C, 50 % in H<sub>2</sub>O)</b>	50-58 mPa s
<b>Ethylene and diethylene glycol</b>	≤0.20 %
<b>Sulphated ash</b>	≤0.1 %
<b>Dioxane content (GC)</b>	≤0.0001 %
<b>Ethylene oxide (GC)</b>	≤0.0001 %
<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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