

# Specification

Item number: X999

## Urea

**≥99,5 %, Ph. Eur., cryst.**

CAS No.: 57-13-6

print date: 01.01.2024

formula:  $\text{CH}_4\text{N}_2\text{O}$

density: 1,33

molecular weight: 60,06 g/mol

### Guarantee analysis

<b>Appearance</b>	fine, white crystals
<b>Assay</b>	≥99,5 %
<b>Identity</b>	complies
<b>Appearance of solution</b>	complies
<b>Melting range</b>	132-135 °C
<b>Alkaline reacting substances</b>	complies
<b>Loss on drying</b>	≤1,0 %
<b>Sulphated ash</b>	≤0,1 %
<b>Ammonium (NH<sub>4</sub>)</b>	≤0,05 %
<b>Heavy metals (as Pb)</b>	≤0,0003 %
<b>Biuret</b>	≤0,1 %

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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