

# Specification

Item number: 2317

## Urea

≥99,5 %, p.a., BioScience Grade

CAS No.: 57-13-6

print date: 01.01.2024

formula: CH<sub>4</sub>N<sub>2</sub>O

density: 1,33

molecular weight: 60,06 g/mol

### Guarantee analysis

<b>Appearance</b>	fine, white crystals
<b>Assay</b>	≥99,5 %
<b>Chloride (Cl)</b>	≤0.001 %
<b>Sulphate (SO<sub>4</sub>)</b>	≤0.001 %
<b>Melting point</b>	132-135 °C
<b>Heavy metals (as Pb)</b>	≤0.001 %
<b>DNases (exo-and endonucleases)</b>	not detected
<b>Ribonucleases activity</b>	not detected

### UV absorption (8 M solution)

<b>260 nm</b>	≤0.1
<b>280 nm</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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