

# Specification

Item number: 2684

## Magnesium hydroxide

≥95 %, Ph. Eur., USP, granulated

CAS No.: 1309-42-8

print date: 01.01.2024

formula:  $Mg(OH)_2$

density: 2,41

molecular weight: 58,32 g/mol

### Guarantee analysis

<b>Appearance</b>	white granules
<b>Assay</b>	95.0-100.5 %
<b>Identity</b>	complies
<b>Appearance of solution</b>	complies
<b>Soluble substances</b>	≤10 mg
<b>In CH<sub>3</sub>COOH insoluble matter</b>	≤0.1 %
<b>Carbonate (CO<sub>3</sub>)</b>	complies
<b>Chloride (Cl)</b>	≤0.1 %
<b>Sulphate (SO<sub>4</sub>)</b>	≤1.0 %
<b>As (Arsenic)</b>	≤0.0004 %
<b>Ca (Calcium)</b>	≤1.5 %
<b>Fe (Iron)</b>	≤0.07 %
<b>Pb (Lead)</b>	≤0.00015 %
<b>Loss on ignition (800 °C)</b>	30.0-33.0 %
<b>Loss on ignition (900 °C)</b>	29.0-32.5 %
<b>Loss on drying (105 °C)</b>	≤2.0 %

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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