

# Specification

Item number: HN31

## Magnesium nitrate hexahydrate

≥98 %, p.a., ACS

CAS No.: 13446-18-9

print date: 01.01.2024

formula:  $\text{Mg}(\text{NO}_3)_2 \cdot 6 \text{H}_2\text{O}$

density: 1,46

molecular weight: 256,41 g/mol

### Guarantee analysis

Assay (compl.)	98,0-102,0 %
pH-value (5 % in H <sub>2</sub> O)	5,0-8,2
In H <sub>2</sub> O insoluble matter	≤0,005 %
Chloride (Cl)	≤0,001 %
Phosphate (PO <sub>4</sub> )	≤0,0005 %
Sulphate (SO <sub>4</sub> )	≤0,005 %
Ammonium (NH <sub>4</sub> )	≤0,003 %
Heavy Metals (ICP-OES)	≤0,0005 %
Barium (Ba)	≤0,005 %
Calcium (Ca)	≤0,01 %
Iron (Fe)	≤0,0005 %
Potassium (K)	≤0,005 %
Manganese (Mn)	≤0,0005 %
Sodium (Na)	≤0,005 %
Strontium (Sr)	≤0,005 %

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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