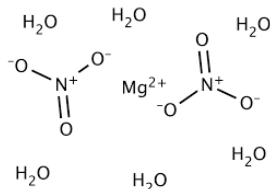


## Product Information

### MAGNESIUM NITRATE HEXAHYDRATE 98 % AR

Nitromagnesite hexahydrate



<b>Product Code</b>	O-5111	<b>Grade</b>	Analytical Reagent
<b>Purity</b>	98%	<b>CAS No</b>	13446-18-9
<b>Molecular Formula</b>	Mg(NO <sub>3</sub> ) <sub>2</sub> · 6 H <sub>2</sub> O	<b>Molecular Weight</b>	256,41 g/mol
<b>H.S.Code</b>	2834.2920	<b>Shelf Life</b>	60 Months

### Physical Properties

<b>Physical state</b>	Solid	<b>Melting point</b>	89 °C
<b>Colour</b>	White	<b>Boiling point</b>	330 °C
<b>pH</b>	5 - 7 at 50 g/l at 20 °C	<b>Solubility in water</b>	420 g/l at 20 °C
<b>Density</b>	1,636 g/cm <sup>3</sup>		

### Packaging

500 g

### Specification

Appearance	Colourless crystals or white crystalline powder
Assay (as Mg (NO <sub>3</sub> ) <sub>2</sub> ·6H <sub>2</sub> O)	98.0 - 102.0%
pH (5% solution in water; 25°C)	5.0 - 8.2
Insoluble matter	max 0.005%
Chloride (Cl)	max 0.001%
Phosphate (PO <sub>4</sub> )	max 0.0005%
Sulphate (SO <sub>4</sub> )	max 0.005%
Ammonium (NH <sub>4</sub> )	max 0.003%
Barium (Ba)	max 0.005%
Calcium (Ca)	max 0.01%
Manganese (Mn)	max 0.0005%
Potassium (K)	max 0.005%

Sodium (Na)	max 0.005%
Strontium (Sr)	max 0.005%
Heavy metals (by ICP-OES)	max 0.0005%
Iron (Fe)	max 0.0005%

## Safety Information and Hazard Symbols

NO GHS

Symbol: not applicable

Signal Word: not applicable

UN No.: not applicable

IMCO Class No.: not applicable

Packing Group: not applicable

Hazardous Statement: not applicable

Precaution Statement: not applicable