

# Technical Datasheet

## Article No. 1420

Magnesium chloride hexahydrate p. a., ACS, ISO  
min. 99.0 %  $\text{MgCl}_2 \times 6 \text{H}_2\text{O}$

For laboratory use.

Parameter	Value
Appearance	colourless solid
Density	1.57 g/cm <sup>3</sup>
Mol.-Weight	203.30 g/mol
Melting point	117 °C
Ammonium (NH <sub>4</sub> )	max. 0.001 %
Barium (Ba)	max. 0.002 %
Calcium (Ca)	max. 0.01 %
Copper (Cu)	max. 0.0005 %
Iron (Fe)	max. 0.0005 %
Potassium (K)	max. 0.001 %
Manganese (Mn)	max. 0.0005%
Sodium (Na)	max. 0.001 %
Strontium (Sr)	max. 0.002 %
Zinc (Zn)	max. 0.001 %
Heavy metals (as Pb)	max. 0.0005 %
Nitrate (NO <sub>3</sub> )	max. 0.001 %
Phosphate (PO <sub>4</sub> )	max. 0.0005 %
Sulfate (SO <sub>4</sub> )	max. 0.002 %
pH (5 %)	5.0–6.5
Nitrogen gesamt (N)	max. 0.002 %
Insoluble matter	max. 0.005 %