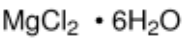
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Product Specification

Product Name:
Magnesium chloride hexahydrate – ACS reagent, 99.0–102.0%



Product Number:	**M9272**
CAS Number:	7791-18-6
MDL:	MFCD00149781
Formula:	Cl2Mg · 6H2O
Formula Weight:	203.30 g/mol

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals
Titration with EDTA	99.0 - 102.0 %
Assay	
Insoluble matter	≤ 0.005 %
Calcium (Ca)	≤ 0.01 %
Sodium (Na)	≤ 0.005 %
Nitrate (NO3)	≤ 0.001 %
Phosphate (PO4)	≤ 5 ppm
Sulfate (SO4)	≤ 0.002 %
Ammonium (NH4)	≤ 0.002 %
Barium (Ba)	≤ 0.005 %
Heavy Metals	≤ 5 ppm
(by ICP-OES)	
Iron (Fe)	≤ 5 ppm
Manganese (Mn)	≤ 5 ppm
Potassium (K)	≤ 0.005 %
Strontium (Sr)	≤ 0.005 %
Recommended Retest Period	----------
5 years	

Specification: PRD.4.ZQ5.10000006506

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.