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## Product Specification

Product Name:  
Magnesium chloride hexahydrate – meets USP testing specifications

<b>Product Number:</b>	<b>M7304</b>	<b>MgCl<sub>2</sub> • 6H<sub>2</sub>O</b>
CAS Number:	7791-18-6	
MDL:	MFCD00149781	
Formula:	Cl <sub>2</sub> Mg • 6H <sub>2</sub> O	
Formula Weight:	203.30 g/mol	

TEST	Specification
pH	4.5 - 7.0
5% Solution	
Insoluble matter	≤ 0.005 %
Sulfate (SO <sub>4</sub> )	≤ 0.005 %
Barium	Pass
Calcium (Ca)	≤ 0.01 %
Potassium	Pass
Assay	98.0 - 101.0 %
Residual Solvents	Meets Requirements
Identity	Pass
Recommended Retest Period	-----
6 years	

Specification: PRD.4.ZQ5.10000045026

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](http://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.