



**ChemPure\* Brand  
Chemicals**

Product Code: CP-A1638D  
Lot #: 2017082835

## Certificate Of Analysis

...Pure Quality


Chemical Name: **Magnesium Chloride**  
Hexahydrate, Crystal, ACS  
Chemical Formula:  $MgCl_2 \cdot 6H_2O$

F.W.: 203.3000  
CAS: 7791-18-6  
Density: 1.0000 kg/L

Analytical Results		
Item	Specifications	Analysis
Heavy Metals (as Pb)	5 ppm max.	<5 ppm
Ammonium (NH <sub>4</sub> )	0.002% max.	<0.002%
Insoluble Matter	0.005% max.	0.002%
Iron (Fe)	5 ppm max.	<5 ppm
Manganese (Mn)	5 ppm max.	0.0007 ppm
Manufacture Date	Record Actual	02/11/2017
Nitrate (NO <sub>3</sub> )	0.001% max.	<0.001%
Phosphate (PO <sub>4</sub> )	5 ppm max.	<5 ppm
Potassium (K)	0.005% max.	0.0008%
Sodium (Na)	0.005% max.	0.001%
Strontium (Sr)	0.005% max.	0.0001%
Sulfate (SO <sub>4</sub> )	0.002% max.	<0.002%
Assay (MgCl <sub>2</sub> • 6H <sub>2</sub> O)	99.0 - 102.0%	99.8%
Barium (Ba)	0.005% max.	<0.005%
Calcium (Ca)	0.01% max.	0.0003%

Remarks:

It is certified that the above copy is a true copy of the actual lot analysis.

  
Eddy Santiago  
Quality Assurance Manager

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