



**ChemPure* Brand
Chemicals**

Product Code: CP-A1638D
Lot #: 2015042328

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 ₄)	0.002% max.	<0.002%
Insoluble Matter	0.005% max.	0.002%
Iron (Fe)	5 ppm max.	<5 ppm
Manganese (Mn)	5 ppm max.	4 ppm
Nitrate (NO ₃)	0.001% max.	<0.001%
Phosphate (PO ₄)	5 ppm max.	<5 ppm
Potassium (K)	0.005% max.	0.002%
Sodium (Na)	0.005% max.	0.002%
Strontium (Sr)	0.005% max.	0.0008%
Sulfate (SO ₄)	0.002% max.	<0.002%
Assay (MgCl ₂ • 6H ₂ O)	99.0 - 102.0%	99.3%
Barium (Ba)	0.005% max.	<0.005%
Calcium (Ca)	0.01% max.	<0.005%

Recommended Retest Date: April 22, 2020

Remarks:

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

Kevin Hansen
Quality Assurance Manager

Disclaimer: To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication. However, nothing herein shall constitute any express or implied warranty of merchantability or fitness for a particular purpose. It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose.