



**ChemPure* Brand
Chemicals**

Product Code: 317500-90000

Lot #: 2012030752

Certificate Of Analysis

...Pure Quality

Chemical Name: **Magnesium Chloride**
Hexahydrate, Crystal, ACS

Chemical Formula: MgCl₂ • 6H₂O

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.	0.003%
Iron (Fe)	5 ppm max.	<5 ppm
Manganese (Mn)	5 ppm max.	1 ppm
Nitrate (NO ₃)	0.001% max.	0.0006%
Phosphate (PO ₄)	5 ppm max.	<5 ppm
Potassium (K)	0.005% max.	0.0017%
Sodium (Na)	0.005% max.	0.0018%
Strontium (Sr)	0.005% max.	0.001%
Sulfate (SO ₄)	0.002% max.	<0.002%
Assay (MgCl ₂ • 6H ₂ O)	99.0 - 102.0%	99.39%
Barium (Ba)	0.005% max.	<0.005%
Calcium (Ca)	0.01% max.	0.0045%

Remarks:

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

Shawn Chadwick
Technical Director