



**ChemPure* Brand
Chemicals**

Cat #: CP-M1638D, CP-A1638D

Lot #: 2020041606

...Pure Quality

CERTIFICATE OF ANALYSIS

PRODUCT NAME: **Magnesium Chloride**
Hexahydrate, Crystal, ACS

F.W.: 203.3000

CHEMICAL FORMULA: MgCl₂ • 6H₂O

CAS No: 7791-18-6

Density: 1.5600

ANALYTICAL RESULTS		
ITEM	SPECIFICATIONS	ANALYSIS
Heavy metals (by ICP-OES)	5 ppm max.	<5 ppm
Assay (MgCl ₂ • 6H ₂ O)	99.0 - 102.0%	99.7%
Insoluble Matter	0.005% max.	0.003%
Ammonium (NH ₄)	0.002% max.	<0.002%
Barium (Ba)	0.005% max.	<0.005%
Calcium (Ca)	0.01% max.	0.0006%
Iron (Fe)	5 ppm max.	<5 ppm
Manganese (Mn)	5 ppm max.	0.8 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.	0.0001%
Sulfate (SO ₄)	0.002% max.	<0.002%
Manufacture Date	Record Actual	02/25/2020
Expiration Date	Record Actual	02/24/2023
REMARKS		

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SUPPORT@CHEMPUREBRAND.COM - WWW.CHEMPUREBRAND.COM

ChemPure Brand Chemicals • P: 440.725.2802 • F: 734.405.6623 • 39103 Warren Rd., Westland, MI 48185