



Magnesium Chloride, 6-Hydrate, Crystal

BAKER ANALYZED[®] A.C.S. Reagent

Product No. 2444

Lot No. L14H01

Release Date 04/12/2012

Certificate of Analysis

TEST	SPECIFICATION	RESULT
Exceeds A.C.S. Specifications		
Meets Reagent Specifications for testing USP/NF monographs		
Assay (MgCl ₂ ·6H ₂ O)	99.0 - 102.0 %	99.6 %
Insoluble Matter	0.005 % max.	0.003 %
pH of 5% Solution at 25°C	4.5 - 7.0	5.8
Nitrate (NO ₃)	0.001 % max.	0.0005 %
Sulfate (SO ₄)	0.002 % max.	0.001 %
Ammonium (NH ₄)	0.002 % max.	0.0005 %
Barium (Ba)	0.005 % max.	0.003 %
Calcium (Ca)	0.01 % max.	0.01 %
Potassium (K)	0.005 % max.	0.0003 %
Sodium (Na)	0.005 % max.	0.001 %
Strontium (Sr)	0.005 % max.	0.0002 %
Trace Impurities (in ppm):		
Phosphate (PO ₄)	5 max.	2
Heavy Metals (as Pb)	5 max.	2
Iron (Fe)	5 max.	1
Manganese (Mn)	5 max.	1
The net weight of the product in each container is within +/- 2% of the net weight stated on the label.		
For Laboratory, Research or Manufacturing Use		
Country of Origin: MEXICO		



Phillipsburg, NJ 9001.2008, 14001.2004
Paris, KY 9001.2008
Mexico City, Mexico 9001.2008
Deventer, The Netherlands 9001.2008, 14001.2004, 13485.2003
Selangor, Malaysia 9001.2008
Panaji, India 9001.2008
Gliwice, Poland 9001.2008, 17025.2005

Richard M. Siberski
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For questions on this Certificate of Analysis please contact Technical Services at 855-282-6867 or 610-573-2600

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