



Magnesium Sulfate, 7-Hydrate, Crystal

BAKER ANALYZED[®] A.C.S. Reagent

Product No. 2500

Lot No. L05644

Release Date 02/07/2012

Certificate of Analysis

TEST	SPECIFICATION	RESULT
Exceeds A.C.S. Specifications		
Meets Reagent Specifications for testing USP/NF monographs		
Assay (MgSO ₄ ·7H ₂ O) (by EDTA titrn)	99.0 - 102.0 %	100.2 %
Insoluble Matter	0.005 % max.	< 0.001 %
pH of 5% Solution at 25°C	5.0 - 7.0	6.6
Nitrate (NO ₃)	0.002 % max.	< 0.001 %
Ammonium (NH ₄)	0.002 % max.	< 0.001 %
Calcium (Ca)	0.02 % max.	< 0.002 %
Potassium (K)	0.005 % max.	< 0.0005 %
Sodium (Na)	0.005 % max.	0.0005 %
Strontium (Sr)	0.005 % max.	< 0.0005 %
Trace Impurities (in ppm):		
Chloride (Cl)	5 max.	< 5
Heavy Metals (as Pb)	5 max.	< 3
Iron (Fe)	5 max.	< 3
Manganese (Mn)	5 max.	< 1
For Laboratory, Research or Manufacturing Use		
Country of Origin: JAPAN		



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
Global Director of Quality Assurance

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

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