



Manganous Sulfate, Monohydrate, Powder

BAKER ANALYZED[®] A.C.S. Reagent
(manganese(II) sulfate, monohydrate)

Product No. 2550
Lot No. L12637
Release Date 03/26/2012

Certificate of Analysis

TEST	SPECIFICATION	RESULT
Exceeds A.C.S. Specifications		
Meets Reagent Specifications for testing USP/NF monographs		
Assay (MnSO ₄ ·H ₂ O)	98.0 - 101.0 %	99.7 %
Insoluble Matter	0.01 % max.	< 0.002 %
Loss on Ignition	10.0 - 12.0 %	11.1 %
pH of 5% Solution at 25°C	2.0 - 4.0	3.6
Chloride (Cl)	0.005 % max.	< 0.003 %
Calcium (Ca)	0.005 % max.	0.002 %
Heavy Metals (as Pb)	0.002 % max.	< 0.001 %
Iron (Fe)	0.002 % max.	< 0.001 %
Magnesium (Mg)	0.005 % max.	0.001 %
Nickel (Ni)	0.02 % max.	0.003 %
Potassium (K)	0.01 % max.	0.001 %
Sodium (Na)	0.05 % max.	0.001 %
Zinc (Zn)	0.005 % max.	0.001 %
Substances Reducing Permanganate	Passes Test	Passes Test

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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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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