



Ferrous Ammonium Sulfate, 6-Hydrate, Fine Crystal

BAKER ANALYZED[®] A.C.S. Reagent
(ammonium iron(II) sulfate, hexahydrate)

Product No. 2054
Lot No. K33331
Release Date 09/21/2011

Certificate of Analysis

TEST	SPECIFICATION	RESULT
Meets A.C.S. Specifications		
Meets Reagent Specifications for testing USP/NF monographs		
Assay ($\text{Fe}(\text{NH}_4)_2(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$) (by KMnO_4 titrn)	98.5 - 101.5 %	100.4 %
Insoluble Matter	0.01 % max.	< 0.002 %
pH of 5% Solution at 25°C	3.0 - 5.0	3.4
Chloride (Cl)	0.001 % max.	< 0.0005 %
Phosphate (PO_4)	0.003 % max.	< 0.002 %
Calcium (Ca)	0.005 % max.	< 0.0005 %
Copper (Cu)	0.003 % max.	< 0.0003 %
Ferric Ion (Fe^{3+})	0.01 % max.	< 0.01 %
Magnesium (Mg)	0.002 % max.	< 0.0002 %
Manganese (Mn)	0.01 % max.	< 0.001 %
Potassium (K)	0.002 % max.	< 0.0002 %
Sodium (Na)	0.02 % max.	< 0.0002 %
Zinc (Zn)	0.003 % max.	< 0.0003 %

For Laboratory, Research or Manufacturing Use

NOTE: Due to inherent oxidation, ferric ion (Fe^{3+}) content may increase on storage

USE BEFORE August 31, 2014

Country of Origin: USA



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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