



Ferric Ammonium Sulfate, 12-Hydrate, Crystal

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

Product No. 1988

Lot No. L01608

Release Date 01/16/2012

Certificate of Analysis

TEST	SPECIFICATION	RESULT
Meets A.C.S. Specifications		
Meets Reagent Specifications for testing USP/NF monographs		
Assay ($\text{FeNH}_4(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$) (by iodometry)	98.5 - 102.0 %	98.9 %
Insoluble Matter	0.01 % max.	0.002 %
Chloride (Cl)	0.001 % max.	< 0.001 %
Nitrate (NO_3)	0.01 % max.	0.006 %
Calcium (Ca)	0.01 % max.	< 0.001 %
Copper (Cu)	0.003 % max.	< 0.0003 %
Magnesium (Mg)	0.005 % max.	< 0.0005 %
Potassium (K)	0.005 % max.	< 0.0005 %
Sodium (Na)	0.02 % max.	< 0.0002 %
Zinc (Zn)(by AAS)	0.003 % max.	0.0004 %
Ferrous Iron	Passes Test	Passes Test

For Laboratory, Research or Manufacturing Use

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
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

Avantor[™] Performance Materials, Inc.

3477 Corporate Parkway • Suite #200 • Center Valley, PA 18034 • U.S.A. • Phone: 610.573.2600 • Fax: 610.573.2610