



Material No.: 3384-12 Batch No.: 0000017282

Manufactured Date: 2011/10/03 Retest Date: 2016/10/01

Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
ACS – Assay (NH4Cl) (by Ag titrn)	>= 99.5 %	99.9
ACS – Calcium (Ca)	<= 0.001 %	< 0.001
ACS – Insoluble Matter	<= 0.005 %	< 0.001
ACS – Iron (Fe)	<= 2 ppm	< 1
ACS – Magnesium (Mg)	<= 5 ppm	3
ACS – pH of 5% Solution at 25°C	4.5 - 5.5	5.0
ACS – Phosphate (PO4)	<= 2 ppm	< 2
CS – Residue after Ignition	<= 0.01 %	< 0.01
ACS – Sulfate (SO ₄)	<= 0.002 %	< 0.002
ACS – Appearance (white crystals)	Passes Test	PT
leavy Metals (as Pb)	<= 2 ppm	< 2
Nitrate (NO3)	<= 5 ppm	< 5

For Laboratory, Research, or Manufacturing Use

Country of Origin: MX

Packaging Site: Paris Mfg Ctr & DC



Phillipsburg, NJ 9001:2008, 14001:2004
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003
Gliwice, Poland 9001:2008, 17025:2005
Selangor, Malaysia 9001:2008
Dehradun, India, 9001:2008, 14001:2004, 13485:2003
Mumbai, India, 9001:2008, 17025:2005
Panoli, India 9001:2008

Richard M Siberski Global Director of Quality Assurance