

Ammonium Chloride, Crystal
AR® (ACS)



Material No.: 3384-12
Batch No.: 0000013938
Manufactured Date: 2011/10/03
Retest Date: 2016/10/01

Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
ACS - Assay (NH ₄ Cl) (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 (PO ₄)	<= 2 ppm	< 2
ACS - Residue after Ignition	<= 0.01 %	< 0.01
ACS - Sulfate (SO ₄)	<= 0.002 %	< 0.002
ACS - Appearance (white crystals)	Passes Test	PT
Heavy Metals (as Pb)	<= 2 ppm	< 2
Nitrate (NO ₃)	<= 5 ppm	< 5

For Laboratory, Research, or Manufacturing Use

Country of Origin: MX
Packaging Site: Paris Mfg Ctr & DC

ISO

Phillipsburg, NJ 9001.2008, 14001.2004
Paris, KY 9001.2008
Mexico city, Mexico 9001.2008
Deventer, The Netherlands 9001.2008, 14001.2004
Selangor, Malaysia 9001.2008
Panoli, India 9001.2008
Gliwice, Poland 9001.2008, 17025.2005

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