Ammonium Chloride, Crystal AR® (ACS)



Material No.: 3384-12 Batch No.: 0000217251 Manufactured Date: 2018/11/29 Retest Date: 2025/11/27 Revision No: 1

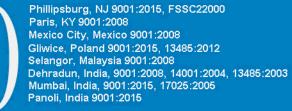
Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
ACS – Assay (NH₄Cl) (by Ag titrn)	>= 99.5 %	99.7
ACS – Calcium (Ca)	<= 0.001 %	< 0.001
ACS – Insoluble Matter	<= 0.005 %	< 0.001
ACS – Iron (Fe)	<= 2 ppm	< 2
ACS – Magnesium (Mg)	<= 5 ppm	1
ACS – pH of 5% Solution at 25°C	4.5 – 5.5	5.0
ACS – Phosphate (PO4)	<= 2 ppm	< 2
ACS – Residue after Ignition	<= 0.01 %	< 0.01
ACS – Sulfate (SO4)	<= 0.002 %	< 0.002
ACS – Appearance (white crystals)	Passes Test	РТ
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



James Techie

Jamie Ethier Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700 Avantor Performance Materials, LLC 100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700