

Ammonium Chloride, Crystal
AR® (ACS)



Material No.: 3384-12

Batch No.: 25A1361009

Manufactured Date: 2022-10-14

Retest Date: 2029-10-12

Revision No.: 0

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	<2 ppm
ACS – Magnesium (Mg)	<= 5 ppm	2 ppm
ACS – pH of 5% Solution at 25°C	4.5 – 5.5	4.8
ACS – Phosphate (PO ₄)	<= 2 ppm	<2 ppm
ACS – Residue after Ignition	<= 0.01 %	<0.01 %
ACS – Sulfate (SO ₄)	<= 0.002 %	<0.002 %
ACS – Appearance (white crystals)	Passes Test	Passes Test
Heavy Metals (as Pb)	<= 2 ppm	<2 ppm
Nitrate (NO ₃)	<= 5 ppm	<5 ppm

For Laboratory, Research, or Manufacturing Use

Country of Origin: Mexico

Packaging Site: Paris Mfg Ctr & DC

Michelle Bales
Sr. Manager, Quality Assurance

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

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