

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-19 15:26:31  
Date of Next Testing: 2029-08-18 15:26:31  
Product Name: **Ammonium chloride**  
CAS Number: 12125-02-9  
Specifications & Purity: ACS, ≥99.5%  
Lot #: H2515211  
SKU #: **A116371**  
Version: **0**  
Analysis #: **561996**  
Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	0.98000 ppm
Magnesium(Mg)	0-5 (ppm)	1.00000 ppm
Calcium(Ca)	0-0.001 (µg/mg)	0.00000 µg/mg
Phosphate(PO4)	0-0.0002 (%)	0.00000 %
Assay	99.5-100 (%)	99.51000 %
PH(5% in water, 25°C)	4.5-5.5	4.50123
Ignition Residue (as sulfate)	0-0.01 (%)	0.00000 %
Sulfate(SO42-)	0-0.002 (%)	0.00011 %
Insoluble matter	0-0.005 (%)	0.00000 %
Iron(Fe)	0-0.0002 (ppm)	0.00000 ppm
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager