

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-19 17:38:21  
Date of Next Testing: 2029-08-18 17:38:21  
Product Name: **Ammonium chloride**  
CAS Number: 12125-02-9  
Specifications & Purity: AR, ≥99.5%  
Lot #: H2515217  
SKU #: **A116364**  
Version: **0**  
Analysis #: **551994**  
Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Sodium(Na)	0-0.005 (%)	0.00000 %
Potassium(K)	0-0.005 (%)	0.00000 %
Ignition Residue (as sulfate)	0-0.02 (%)	0.00000 %
Phosphate(PO <sub>4</sub> )	0-0.0005 (%)	0.00000 %
PH(5% in water, 25°C)	4.5-5.5	4.60123
Iron(Fe)	0-0.0005 (%)	0.00000 %
Assay	99.5-100 (%)	99.51000 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.005 (%)	0.00000 %
Calcium(Ca)	0-0.001 (µg/mg)	0.00000 µg/mg
Insoluble matter in H <sub>2</sub> O	0-0.005 (%)	0.00000 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager