

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-07 14:34:21  
 Date of Next Testing: 2030-05-06 14:34:21  
 Product Name: **Ammonium chloride**  
 CAS Number: 12125-02-9  
 Specifications & Purity: GR, ≥99.8%  
 Lot #: D2629175  
 SKU #: **A116366**  
 Version: **0**  
 Analysis #: **700651**  
 Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                     | Limit Values          | Result                |
|-------------------------------|-----------------------|-----------------------|
| Sulfate(SO42-)                | 0-0.002 (%)           | 0.00000 %             |
| Potassium(K)                  | 0-0.005 (%)           | 0.00000 %             |
| Sodium(Na)                    | 0-0.005 (%)           | 0.00000 %             |
| Insoluble matter in H2O       | 0-0.002 (%)           | 0.00000 %             |
| Assay                         | 99.8-100 (%)          | 99.99020 %            |
| Iron(Fe)                      | 0-0.0002 (ppm)        | 0.00000 ppm           |
| Lead(Pb)                      | 0-0.0001 (%)          | 0.00000 %             |
| PH(5% in water, 25°C)         | 4.5-5.5               | 5.20000               |
| Nickel(Ni)                    | 0-0.0001 (%)          | 0.00000 %             |
| Magnesium(Mg)                 | 0-0.0005 (%)          | 0.00000 %             |
| Copper(Cu)                    | 0-0.0002 (%)          | 0.00000 %             |
| Zinc(Zn)                      | 0-0.0002 (%)          | 0.00000 %             |
| Calcium(Ca)                   | 0-0.0005 (µg/mg)      | 0.00000 µg/mg         |
| Phosphate(PO4)                | 0-0.0002 (%)          | 0.00000 %             |
| Ignition Residue (as sulfate) | 0-0.005 (%)           | 0.00000 %             |
| X-Ray Diffraction             | Conforms to Structure | Conforms to Structure |



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager