

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-27 11:32:22

Date of Next Testing: 2028-05-26 11:32:22

Product Name: **Ammonium carbonate**

CAS Number: 506-87-6

Specifications & Purity: ACS, ≥30% NH<sub>3</sub> basis

Lot #: E2521641

SKU #: **A432782**

Version: **1**

Analysis #: **281100**

Storage Temperature: Room temperature

| Parameter                                 | Limit Values           | Result                 |
|-------------------------------------------|------------------------|------------------------|
| NH <sub>3</sub> (Titration by NaOH)       | ≥30 (%)                | 43.11000 %             |
| Nonvolatile Matter                        | 0-0.01 (%)             | 0.00670 %              |
| Insoluble matter(C=20%, H <sub>2</sub> O) | 0-0.005 (%)            | 0.00000 %              |
| Chloride (Cl-)                            | 0-5 (ppm)              | 0.00000 ppm            |
| Iron(Fe)                                  | 0-5 (ppm)              | 0.00000 ppm            |
| Heavy Metals (by ICP-OES)                 | 0-5 (ppm)              | 0.00000 ppm            |
| Sulfur Compounds                          | 0-0.002 (%)            | 0.00190 %              |
| Appearance(A432782)                       | White Powder or Chunks | White Powder or Chunks |
| X-Ray Diffraction                         | Conforms to Structure  | Conforms to Structure  |



John Su  
QA & QC Manager