



LABPRO CHEM

"Essential Laboratory Chemicals For Scientific Research and Experimentation, Ensuring Accuracy And Precision In Every Process."

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CERTIFICATE OF ANALYSIS

Product Name: AMMONIUM CHLORIDE 99.8% AR

Catalogue No.: LA0338

CAS No.: 12125-02-9

Batch No.: 598FG

Date of Manufacture: June 2025

Date of Expiry: May 2030

| Test Parameters | Specifications | Results |
|-------------------------------------|---|----------|
| Appearance | White crystalline powder | Complies |
| Purity (as NH_4Cl) | Min. 99.8% (AR Grade) | 99.8% |
| Identification | Positive (NH_4^+ and Cl^- tests) | Complies |
| Solubility | Clear solution in water | Complies |
| pH (5% aqueous solution) | 4.5 – 5.5 | 5.0 |
| Sulphate (SO_4) | NMT 0.002% | Complies |
| Iron (Fe) | NMT 0.0005% | Complies |
| Heavy Metals (as Pb) | NMT 0.0005% | Complies |
| Residue on Ignition | NMT 0.02% | 0.01% |
| Moisture (Loss on Drying) | NMT 0.5% | 0.2% |

Approved By

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM
AUTH SIGNATORY

Signature: _____

TESTED BY
PREM SINGH

APPROVED BY
SHAKIL AHMED