



LABPRO CHEM

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

- LABPRO CHEM, Shop No: 198 New Link Road Near Laxmi Ind Estate Andheri West Mumbai 400053 Maharashtra (India)
- Mobile No: +91 9167157018 / GSTIN: 27GZCP58548N1ZA / MSME: UDYAM-MH-18-0400921

CERTIFICATE OF ANALYSIS

Product Name: AMMONIUM CHLORIDE 99.5% For Molecular Biology

Catalogue No.: LA0339

CAS No.: 12125-02-9

Batch No.: 335FH

Date of Manufacture: June 2025

Date of Expiry: May 2030

Test Parameters	Specifications	Results
Appearance	White crystalline powder	Complies
Purity (as NH_4Cl)	Min. 99.5% (Molecular Biology Grade)	99.6%
Identification	Positive (NH_4^+ and Cl^- tests)	Complies
Solubility	Clear and complete in water	Complies
DNase/RNase Activity	Not detected	Complies
Endotoxin Level	< 0.25 EU/mL (Low endotoxin)	Complies
UV Absorbance @ 260/280 nm	Low background (Suitable for molecular applications)	Complies
pH (5% aqueous solution)	4.5 – 5.5	4.9
Heavy Metals (as Pb)	NMT 0.0005%	Complies
Iron (Fe)	NMT 0.0005%	Complies
Residue on Ignition	NMT 0.02%	0.01%
Loss on Drying	NMT 0.5%	0.3%

Approved By

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM

AUTH SIGNATORY

Signature: _____

TESTED BY
PREM SINGH

APPROVED BY
SHAKIL AHMED