



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: tri-AMMONIUM CITRATE 98.5–101% AR

Catalogue No.: LA0345

CAS No.: 3458-72-8

Batch No.: 164FG

Date of Manufacture: June 2025

Date of Expiry: May 2030

Test Parameters	Specifications	Results
Appearance	White to off-white crystalline powder	Complies
Assay (as $(\text{NH}_4)_3\text{C}_6\text{H}_5\text{O}_7$)	98.5 – 101.0 % (AR Grade)	99.6 %
Identification (IR/NMR)	Should match reference standard	Complies
Solubility	Freely soluble in water	Complies
pH (5% solution at 25 °C)	6.5 – 7.5	7.2
Loss on Drying	NMT 1.0 %	0.4 %
Residue on Ignition	NMT 0.05 %	0.01 %
Heavy Metals (as Pb)	NMT 0.0005 %	Complies
Chloride (Cl)	NMT 0.002 %	Complies
Sulphate (SO_4)	NMT 0.002 %	Complies

Approved By

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM
AUTH SIGNATORY

Signature: _____

TESTED BY
PREM SINGH

APPROVED BY
SHAKIL AHMED