



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: DL-ALANINE – 99% For Biochemistry

Cat No: LA0155

CAS No: 302-72-7

Batch No: 413RG

Date of Manufacture: JUNE 2025

Date of Expiry: DECEMBER 2030

Parameters	Specification	Result
Appearance	White crystalline powder	Complies
Assay (Titration, Dry Basis)	$\geq 99.0\%$	99.3%
Melting Point	295°C (dec.)	296°C
Solubility (Water)	Soluble	Passes
Loss on Drying	$\leq 0.2\%$	0.10%
Residue on Ignition	$\leq 0.1\%$	0.06%
Heavy Metals (Pb)	≤ 10 ppm	< 5 ppm
Chloride (Cl)	$\leq 0.05\%$	0.01%
Sulfate (SO ₄)	$\leq 0.03\%$	0.02%
pH (5% Solution)	6.0 – 7.5	6.7

Approved By

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM
AUTH SIGNATORY

Signature: _____

TESTED BY
PREM SINGH

APPROVED BY
SHAKIL AHMED