



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 BORATE 99% (Penta)

Catalogue No.: LA0325

CAS No.: 12007-89-5

Batch No.: 672FD

Date of Manufacture: June 2025

Date of Expiry: May 2030

Test Parameters	Specifications	Results
Appearance	White crystalline solid	Complies
Purity (as $(\text{NH}_4)_2\text{B}_4\text{O}_7 \cdot 5\text{H}_2\text{O}$)	Min. 99%	99.4%
Identification (IR)	Should match reference spectrum	Complies
Solubility	Soluble in water	Complies
pH (5% solution at 25°C)	8.5 – 9.5	9.1
Boron Content (as B)	As per stoichiometric equivalent	Complies
Heavy Metals (as Pb)	NMT 0.001%	Complies
Loss on Drying	Corresponds to pentahydrate	14.5%

Approved By

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM
AUTH SIGNATORY

Signature: _____

TESTED BY
PREM SINGH

APPROVED BY
SHAKIL AHMED