



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 MOLYBDATE 98% (Tetrahydrate)

Catalogue No.: LA0362

CAS No.: 12054-85-2

Batch No.: 516JU

Date of Manufacture: June 2025

Date of Expiry: May 2030

Parameters	Specification	Result
Appearance	White crystalline powder	Complies
Solubility (in water)	Soluble	Passes
Assay (as $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24}\cdot 4\text{H}_2\text{O}$)	Min. 98%	98.4%
Chloride (Cl)	$\leq 0.01\%$	0.005%
Sulphate (SO_4)	$\leq 0.02\%$	0.01%
Heavy Metals (as Pb)	$\leq 0.001\%$	<0.001%
pH (5% solution)	4.0 – 6.0	5.4
Loss on Drying	10.0 – 14.0% (corresponds to $4\text{H}_2\text{O}$)	12.3%
Storage Conditions	Store in tightly closed container, cool & dry	Complies

Approved By

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM
AUTH SIGNATORY

Signature: _____

TESTED BY
PREM SINGH

APPROVED BY
SHAKIL AHMED