



## LABPRO CHEM

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

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- Mobile No: +91 9167157018 / GSTIN: 27GZCP58548N1ZA / MSME: UDYAM-MH-18-0400921

### CERTIFICATE OF ANALYSIS

**Product Name:** AMMONIUM MOLYBDATE 99% AR (Tetrahydrate)

**Catalogue No.:** LA0363

**CAS No.:** 12054-85-2

**Batch No.:** 746DY

**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. 99%	99.3%
Chloride (Cl)	$\leq 0.005\%$	0.002%
Sulphate ( $\text{SO}_4$ )	$\leq 0.01\%$	0.005%
Heavy Metals (as Pb)	$\leq 0.001\%$	<0.001%
Iron (Fe)	$\leq 0.002\%$	0.001%
pH (5% solution)	4.0 – 6.0	5.2
Loss on Drying	10.0 – 14.0% (corresponds to $4\text{H}_2\text{O}$ )	11.8%
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