

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

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CERTIFICATE OF ANALYSIS

Product Name: AMMONIUM MOLYBDATE REAGENT Solution

Catalogue No.: LA0364

CAS No.: --

Batch No.: 962HY

Date of Manufacture: June 2025

Date of Expiry: May 2030

Parameters	Specification	Result
Appearance	Clear, colorless to pale yellow solution	Complies
Assay (as (NH ₄) ₆ Mo ₇ O ₂₄)	1 – 5% (w/v) as per reagent grade specification	3.5%
рН (25°C)	3.0 – 6.0	4.8
Solubility in Water	Completely soluble	Passes
Chloride (CI)	≤ 0.005%	<0.002%
Sulphate (SO₄)	≤ 0.01%	0.006%
Heavy Metals (as Pb)	≤ 0.001%	<0.001%
Iron (Fe)	≤ 0.002%	0.001%
Usage	Suitable for phosphate determination and similar tests	Confirmed
Storage Conditions	Store at room temperature in a tightly sealed bottle	Complies

Approved By

(Quality Control Department)

Date: 23/06/2025

FOI LABORD CHEM

Signature: