



## CERTIFICATE OF ANALYSIS

Product Name : AMMONIUM MOLYBDATE TETRAHYDRATE 99.3% AR/ACS  
Lot No. : B374232107 Analyzed On : 09-Jul-2021  
Mol. Formula : (NH<sub>4</sub>)<sub>6</sub>Mo<sub>7</sub>O<sub>24</sub>.4H<sub>2</sub>O Mol. Weight : 1235.86  
Code No. : 01271 CAS No. : 12054-85-2  
Mfg. Date : Jul-2021 Exp. Date : Jun-2026  
HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	White crystalline powder	White crystalline powder
2	Assay	99.3-101.8%	101.69%
3	Assay (as MoO <sub>3</sub> )	81 - 83%	82.88%
4	Identity	To pass as per USP	Passes test
5	Insoluble matter	Max 0.005%	<0.005%
6	Chloride (Cl)	Max 0.002%	0.002%
7	Arsenate, phosphate, silicate ( PO <sub>4</sub> )	Max 0.001%	0.001%
8	Nitrate (NO <sub>3</sub> )	Passes test	Passes test
9	Phosphate (PO <sub>4</sub> )	Max 0.0005%	0.0005%
10	Heavy metals (by ICP-OES)	Max 0.001%	0.000041%
11	Magnesium (Mg)	Max 0.005%	0.00022%
12	Sodium (Na)	Max 0.01%	0.00043%
13	Potassium (K)	Max 0.01%	0.01%
14	Sulphate (SO <sub>4</sub> )	Max 0.02%	0.02%
15	Magnesium & alkali salts	Max 0.02%	<0.02%

**CONCLUSION** -This above product complies as per the specifications of **LOBA CHEMIE PVT. LTD.**

Shashikant Gaikwad  
QC Manager

**LOBA CHEMIE PVT. LTD.**

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LOBA/QC/FM/01

04/10.03.2021