



## **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	:	<b>AMMONIUM MOLYBDATE TETRAHYDRATE 99.3% AR</b>
<b>Cas No.</b>	:	<b>12054-85-2</b>
<b>Code No.</b>	:	<b>00220</b>
<b>Batch No.</b>	:	<b>PC01242410</b>
<b>Mfg. Date</b>	:	<b>JAN-2024</b>
<b>Date Of Analysis</b>	:	<b>11/01/2024</b>
<b>Retest Date</b>	:	<b>DEC-2028</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
Appearance	White crystalline powder	White crystalline powder
Assay	99.3-101.8%	100.72%
Assay (as MoO <sub>3</sub> )	81 - 83%	82.11%
Identity	To pass as per USP	Complies
Insoluble matter	Max 0.005%	0.0021%
Chloride (Cl)	Max 0.002%	0.0005%
Arsenate, phosphate, silicate ( PO <sub>4</sub> )	Max 0.001%	0.0003%
Nitrate (NO <sub>3</sub> )	Passes test	Passes
Phosphate (PO <sub>4</sub> )	Max 0.0005%	0.00012%
Heavy metals (by ICP-OES)	Max 0.001%	0.0007%
Magnesium (Mg)	Max 0.005%	0.002%
Sodium (Na)	Max 0.01%	0.001%
Potassium (K)	Max 0.01%	0.007%
Sulphate (SO <sub>4</sub> )	Max 0.02%	0.004%
Magnesium & alkali salts	Max 0.02%	0.002%

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd.**

**This is an electronically generated Certificate and is valid without a signature.**

For Issues relating to Quality you may send us a mail on [sales@pallavchemicals.com](mailto:sales@pallavchemicals.com) or call on **022 4928 4000**

Website: [www.pallavchemicals.com](http://www.pallavchemicals.com)