



## **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>PC09231577</b>                               |
| <b>Mfg. Date</b>        | : | <b>SEP-2023</b>                                 |
| <b>Date Of Analysis</b> | : | <b>26/09/2023</b>                               |
| <b>Retest Date</b>      | : | <b>AUG-2028</b>                                 |

| <b>TEST</b>                                      | <b>SPECIFICATION</b>     | <b>RESULT</b>            |
|--|--------------------------|--------------------------|
| Appearance                                       | White crystalline powder | White crystalline powder |
| Assay  | 99-101.8%                | 99.51%                   |
| Assay (as MoO <sub>3</sub> )                     | 81 - 83%                 | 81.70%                   |
| Identity   | To pass as per USP       | Complies                 |
| Insoluble matter                                 | Max 0.005%               | 0.002%                   |
| Chloride (Cl)                                    | Max 0.002%               | 0.0008%                  |
| Arsenate, phosphate, silicate (PO <sub>4</sub> ) | Max 0.001%               | 0.0006%                  |
| Nitrate (NO <sub>3</sub> )                       | Passes test              | Passes                   |
| Phosphate (PO <sub>4</sub> )                     | Max 0.0005%              | 0.00016%                 |
| Heavy metals (by ICP-OES)                        | Max 0.001%               | 0.0004%                  |
| Magnesium (Mg)                                   | Max 0.005%               | 0.0010%                  |
| Sodium (Na)                                      | Max 0.01%                | 0.003%                   |
| Potassium (K)                                    | Max 0.01%                | 0.002%                   |
| Sulphate (SO <sub>4</sub> )                      | Max 0.02%                | 0.005%                   |
| Magnesium & alkali salts                         | Max 0.02%                | 0.006%                   |

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)