



## CERTIFICATE OF ANALYSIS

|                         |   |   |
|-------------------------|---|---|
| <b>Product Name</b>     | : | <b>AMMONIUM MOLYBDATE TETRAHYDRATE 99% AR</b> |
| <b>Code No.</b>         | : | <b>00220</b>                                  |
| <b>Batch No.</b>        | : | <b>PC/0982/21-2</b>                           |
| <b>Mfg. Date</b>        | : | <b>MAR-2021</b>                               |
| <b>Date Of Analysis</b> | : | <b>12/03/2021</b>                             |
| <b>Retest Date</b>      | : | <b>FEB-2026</b>                               |

| TEST  | SPECIFICATION            | RESULT                   |
|---|--------------------------|--------------------------|
| Appearance  | White crystalline powder | White crystalline powder |
| Assay   | 99.0-101.8%              | 99.51%                   |
| Assay (as MoO <sub>3</sub> )                      | 81 - 83%                 | 81.93%                   |
| Identity  | To pass as per USP       | Complies                 |
| Insoluble matter                                  | Max 0.005%               | 0.002%                   |
| Chloride (Cl)                                     | Max 0.002%               | Less than 0.002%         |
| Arsenate, phosphate, silicate ( PO <sub>4</sub> ) | Max 0.001%               | Less than 0.001%         |
| Nitrate (NO <sub>3</sub> )                        | Passes test              | Complies                 |
| Phosphate (PO <sub>4</sub> )                      | Max 0.0005%              | Less than 0.0005%        |
| Heavy metals (by ICP-OES)                         | Max 0.001%               | Less than 0.001%         |
| Magnesium (Mg)                                    | Max 0.005%               | Less than 0.005%         |
| Sodium (Na)                                       | Max 0.01%                | Less than 0.01%          |
| Potassium (K)                                     | Max 0.01%                | Less than 0.01%          |
| Sulphate (SO <sub>4</sub> )                       | Max 0.02%                | Less than 0.02%          |
| Magnesium & alkali salts                          | Max 0.02%                | Less than 0.02%          |

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)