

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : AMMONIUM MOLYBDATE TETRAHYDRATE AR**

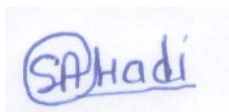
**CAS No : 12054-85-2**  
**Mol. Formula : (NH<sub>4</sub>)<sub>6</sub>Mo<sub>7</sub>O<sub>24</sub>·4H<sub>2</sub>O**  
**Mol. WT : 1235.90**  
**Date of analysis : 01/07/25**

**Product code : 21680**  
**Batch No. : MCAR-01791**  
**Mfd. : July 2025**  
**Exp. : June 2030**

| S.R | Test                                                    | Specification                                    | Observation               |
|-----|---------------------------------------------------------|--------------------------------------------------|---------------------------|
| 1   | <b>Description</b>                                      | Colourless crystals or white crystalline powder. | White crystalline powder. |
| 2   | <b>Assay</b>                                            | 99.0% min                                        | 99.97%                    |
| 3   | <b>Insoluble matter</b>                                 | 0.005% max                                       | 0.003%                    |
| 4   | <b>Chloride (Cl)</b>                                    | 0.0005% max                                      | <0.0005%                  |
| 5   | <b>Arsenate, Phosphate, Silicate(as PO<sub>4</sub>)</b> | 0.0005% max                                      | <0.0005%                  |
| 6   | <b>Nitrate (NO<sub>3</sub>)</b>                         | 0.002% max                                       | <0.002%                   |
| 7   | <b>Sulphate (SO<sub>4</sub>)</b>                        | 0.005% max                                       | <0.005%                   |
| 8   | <b>Copper (Cu)</b>                                      | 0.001% max                                       | <0.001%                   |
| 9   | <b>Iron (Fe)</b>                                        | 0.001% max                                       | <0.001%                   |
| 10  | <b>Lead (Pb)</b>                                        | 0.001% max                                       | <0.001%                   |

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Sonu)**



**[QC Incharge]**



**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

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