

## CERTIFICATE OF ANALYSIS

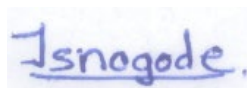
**PRODUCT NAME : SODIUM MOLYBDATE AR (DIHYDRATE)**

|                  |   |              |              |
|------------------|---|--------------|--------------|
| CAS No           | : 10102-40-6  | Product code | : 25880      |
| Mol. Formula     | : Na <sub>2</sub> MoO <sub>4</sub> .2H <sub>2</sub> O | Batch No.    | : MCAR-00632 |
| Mol. WT          | : 241.95  | Mfd.         | : Sept. 2024 |
| Date of analysis | : 25/09/24  | Exp.         | : Aug. 2029  |

| S.R | Test                              | Specification                                    | Observation               |
|-----|-----------------------------------|--|---------------------------|
| 1   | <b>Description</b>                | Colourless crystals or white crystalline powder. | White crystalline powder. |
| 2   | <b>Assay</b>                      | 99.0 -102.0 %w/w                                 | 99.91% w/w                |
| 3   | <b>Reaction pH</b>                | 7.0-10.5   | 9.17                      |
| 4   | <b>Insoluble matter</b>           | 0.005% max                                       | 0.003%                    |
| 5   | <b>Chloride (Cl)</b>              | 0.001 %max                                       | <0.001 %                  |
| 6   | <b>Nitrate (NO<sub>3</sub>)</b>   | 0.005% max                                       | <0.005 %                  |
| 7   | <b>Phosphate (PO<sub>4</sub>)</b> | 0.001 % max                                      | <0.001 %                  |
| 8   | <b>Sulphate (SO<sub>4</sub>)</b>  | 0.02% max  | <0.02 %                   |
| 9   | <b>Ammonium(NH<sub>4</sub>)</b>   | 0.01 % max                                       | < 0.01 %                  |
| 10  | <b>Copper (Cu)</b>                | 0.002 %max                                       | <0.002 %                  |
| 11  | <b>Iron (Fe)</b>                  | 0.001% max                                       | <0.001 %                  |
| 12  | <b>Lead (Pb)</b>                  | 0.001% max                                       | <0.001 %                  |

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

**[Tested By]**



**CHEMIST  
(Jyoti)**

**[QC Incharge]**



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

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