



**SISCO
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Certificate of Analysis

| | |
|---------------------------------|--|
| Product | 10299 - Ammonium Molybdate Tetrahydrate extrapure AR, 99% - [12054-85-2] |
| Batch No | 2133953 |
| Analysis Date | 17-Nov-2023 |
| Date of Manufacture | November 2023 |
| Expiry Date/Re-Test Date | November 2028 |
| Molecular Formula | (NH ₄) ₆ Mo ₇ O ₂₄ .4H ₂ O |
| Molecular Weight | 1235.86 |

| Test Parameters | Standards | Actual Results |
|---|--------------------|--------------------|
| Appearance (Colour) | White | White |
| Appearance (Form) | Crystalline powder | Crystalline powder |
| Solubility (Turbidity) 10% hot aq. solution | Clear | Clear |
| Solubility (Colour) 10% hot aq. solution | Colourless | Colourless |
| Assay (T) | min. 99% | 99.8% |
| Chloride (Cl) | max. 0.0005% | Passes |
| Sulphate (SO ₄) | max. 0.005% | Passes |
| Iron (Fe) | max. 0.0005% | Passes |
| Heavy Metals (Pb) | max. 0.001% | Passes |
| Nitrate (NO ₃) | max. 0.002% | Passes |
| Arsenate, Phosphate and Silicate (PO ₄) | max. 0.0005% | Passes |

FRM/82/11/4/10299 Rev No. 3 Date 03/07/2022

Prepared by **Mayur**

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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