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## Certificate of Analysis

<b>Product</b>	<b>10299 - Ammonium Molybdate Tetrahydrate extrapure AR, 99% - [12054-85-2]</b>
<b>Batch No</b>	<b>1129342</b>
<b>Analysis Date</b>	13-Apr-2024
<b>Date of Manufacture</b>	April 2024
<b>Expiry Date/Re-Test Date</b>	April 2029
<b>Molecular Formula</b>	(NH <sub>4</sub> ) <sub>6</sub> Mo <sub>7</sub> O <sub>24</sub> .4H <sub>2</sub> O
<b>Molecular Weight</b>	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%	99.5%
Chloride (Cl)	max. 0.0005%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.005%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Nitrate (NO <sub>3</sub> )	max. 0.002%	Passes
Arsenate, Phosphate and Silicate (PO <sub>4</sub> )	max. 0.0005%	Passes

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

Prepared by Prasad

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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