



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-09 18:14:47

Date of Next Testing: 2029-04-08 18:14:47

Product Name: **Ammonium molybdate tetrahydrate**

CAS Number: 12054-85-2

Specifications & Purity: GR, ACS, Ph.Eur.

Lot #: C2531045

SKU #: **A294843**

Version: **2**

Analysis #: **052958**

| Parameter                                                                                   | Limit Values    | Result      |
|---------------------------------------------------------------------------------------------|-----------------|-------------|
| Insoluble matter                                                                            | 0-0.005 (%)     | 0.00 %      |
| Chloride                                                                                    | 0-0.0005 (%)    | 0.00 %      |
| (PO <sub>4</sub> )Phosphate                                                                 | 0-0.0005 (%)    | 0.00 %      |
| Phosphate, arsenate, silicate (As PO <sub>4</sub> )                                         | 0- 0.0005(%)    | 0.00020 %   |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> )                                                     | 0-0.005 (%)     | 0.00 %      |
| Heavy metals(as Pb)                                                                         | 0-0.001 (%)     | 0.00 %      |
| Copper(Cu)                                                                                  | 0-0.001 (%)     | 0.00 %      |
| Iron(Fe)                                                                                    | 0-0.0005 (%)    | 0.00 %      |
| Magnesium(Mg)                                                                               | 0-0.005 (%)     | 0.00 %      |
| Lead(Pb)                                                                                    | 0-0.001 (%)     | 0.00 %      |
| Assay((NH <sub>4</sub> ) <sub>6</sub> Mo <sub>7</sub> O <sub>24</sub> x 4 H <sub>2</sub> O) | 99.0-102.5 (%)  | 100.22000 % |
| Assay(as MoO <sub>3</sub> )                                                                 | 81.0 - 83.0 (%) | 81.16000 %  |
| Potassium(K)                                                                                | 0-0.002 (%)     | 0.00 %      |
| Sodium(Na)                                                                                  | 0-0.01 (%)      | 0.01 %      |
| (NO <sub>3</sub> )Nitrate                                                                   | Passes test     | Passes test |



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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager