

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-23 08:37:09

Date of Next Testing: 2029-08-22 08:37:09

Product Name: **Molybdic acid**

CAS Number: 7782-91-4

Specifications & Purity: AR, ≥85% MoO<sub>3</sub> basis, contains a large amount of ammonium molybdate

Lot #: H2515486

SKU #: **M104570**

Version: **4**

Analysis #: **541298**

Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                               | Limit Values                                    | Result                                          |
|-----------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Phosphate(PO <sub>4</sub> )             | 0-5 (ppm)                                       | 0.80000 ppm                                     |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-0.2 (%)                                       | 0.01400 %                                       |
| Chloride Content                        | 0-0.002 (%)                                     | 0.00110 %                                       |
| Insoluble matter in Ammonia solution    | 0-0.01 (%)                                      | 0.00000 %                                       |
| Arsenate, Phosphate, Silicate           | 0-0.001 (%)                                     | 0.00094 %                                       |
| Heavy metals                            | 0-0.003 (%)                                     | 0.00210 %                                       |
| Assay(MoO <sub>3</sub> basis)           | 85-100 (%)                                      | 89.73000 %                                      |
| Appearance (M104570)                    | White to Light Yellow Powder or Solid or chunks | White to Light Yellow Powder or Solid or chunks |
| ICP: Confirms Mo Component              | Confirmed                                       | Confirmed                                       |
| X-Ray Diffraction                       | Conforms to Structure                           | Conforms to Structure                           |



John Su  
QA & QC Manager