

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-26 14:35:15  
 Date of Next Testing: 2029-09-25 14:35:15  
 Product Name: **Sodium molybdate dihydrate**  
 CAS Number: 10102-40-6  
 Specifications & Purity: AR, ≥99%  
 Lot #: I2517617  
 SKU #: **S104867**  
 Version: **2**  
 Analysis #: **517820**  
 Storage Temperature: Desiccated

| Parameter                                               | Limit Values             | Result                   |
|---------------------------------------------------------|--------------------------|--------------------------|
| (NO <sub>3</sub> )Nitrate                               | 0-0.005 (%)              | 0.00 %                   |
| Insoluble matter                                        | 0-0.01 (%)               | 0.00 %                   |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> )                 | 0-0.001 (%)              | 0.00 %                   |
| Chloride (Cl <sup>-</sup> )                             | 0-0.005 (%)              | 0.00 %                   |
| Purity(Titration by Pb(NO <sub>3</sub> ) <sub>2</sub> ) | 99-101 (%)               | 99.22000 %               |
| Heavy metal (as Pb)                                     | 0-0.001 (%)              | 0.00 %                   |
| Phosphate(PO <sub>4</sub> )                             | 0-0.001 (%)              | 0.00 %                   |
| Ammonia (NH <sub>4</sub> )                              | 0-0.01 (%)               | 0.01 %                   |
| Appearance (S104867)                                    | White Powder or Crystals | White Powder or Crystals |
| X-Ray Diffraction                                       | Conforms to Structure    | Conforms to Structure    |



John Su  
QA & QC Manager