

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-05 18:52:15  
 Date of Next Testing: 2028-06-04 18:52:15  
 Product Name: **Ammonium molybdate tetrahydrate**  
 CAS Number: 12054-85-2  
 Specifications & Purity: AR  
 Lot #: E2431117  
 SKU #: **A116375**  
 Version: **1**  
 Analysis #: **365042**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                               | Limit Values                                      | Result                                            |
|-----------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Purity                                  | 99-100 (%)                                        | 99.15000 %                                        |
| Heavy metal (as Pb)                     | 0-10 (ppm)                                        | 0.00000 ppm                                       |
| Chloride (Cl-)                          | 0-10 (ppm)                                        | 9.00000 ppm                                       |
| Sulfate(SO42-)                          | 0-0.02 (%)                                        | 0.00450 %                                         |
| Phosphate, arsenate, silicate( As SiO3) | 0-10 (ppm)                                        | 8.00000 ppm                                       |
| Appearance (A116375)                    | white to off-white powder, crystals and/or chunks | white to off-white powder, crystals and/or chunks |
| ICP: Confirms Molybdenum Component      | Confirmed                                         | Confirmed                                         |
| X-Ray Diffraction                       | Conforms to Structure                             | Conforms to Structure                             |



John Su  
QA & QC Manager