

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-20 15:57:21  
Date of Next Testing: 2028-05-19 15:57:21  
Product Name: **Molybdenum(IV) sulfide**  
CAS Number: 1317-33-5  
Specifications & Purity: 98%  
Lot #: E2410218  
SKU #: **M104967**  
Version: **0**  
Analysis #: **344004**

| Parameter                                     | Limit Values                                | Result                                      |
|---|---|---|
| Mo (Oxide Precipitation)                      | 59-60.8 (%)                                 | 59.55 %                                     |
| Assay   | 98-100 (%)                                  | 99.25 %                                     |
| Appearance (M104967)                          | Grey, Black, Grey-Black or Grey-Blue Powder | Grey, Black, Grey-Black or Grey-Blue Powder |
| ICP:Confirms Molybdenum and Sulfur Components | Confirmed                                   | Confirmed                                   |
| X-Ray Diffraction                             | Conforms to Structure                       | Conforms to Structure                       |



John Su  
QA & QC Manager