

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-18 15:35:24  
 Date of Next Testing: 2030-04-17 15:35:24  
 Product Name: **Phosphomolybdic acid hydrate**  
 CAS Number: 51429-74-4  
 Specifications & Purity: Mo : 45% - 63%  
 Lot #: D2609533  
 SKU #: **P305387**  
 Version: **0**  
 Analysis #: **680240**  
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter                                                | Limit Values            | Result                                  |
|----------------------------------------------------------|-------------------------|-----------------------------------------|
| Molybdenum(Mo)                                           | 45-63 (%)               | 47.00000 %                              |
| Appearance (P305387Form)                                 | Crystals                | Crystals                                |
| Appearance (P305387Color)                                | Yellow to Yellow-Orange | Yellow to Yellow-Orange or yellow-green |
| ICP:Confirms Mo and P Components                         | Confirmed               | Confirmed                               |
| Solubility in H2O,clear ,yellow to yellow-green,50 mg/mL | pass                    | Pass                                    |
| X-Ray Diffraction                                        | Conforms to Structure   | Conforms to Structure                   |



John Su  
QA & QC Manager