

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-18 09:48:18

Date of Next Testing: 2026-03-17 09:48:18

Product Name: **Phosphomolybdic acid hydrate**

CAS Number: 51429-74-4

Specifications & Purity: Mo : 45% - 63%

Lot #: C2210059

SKU #: **P305387**

Version: **0**

Analysis #: **008905**

Storage Temperature: Argon charged

| Parameter                                                             | Limit Values                            | Result                                  |
|-----------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|
| Molybdenum(Mo)                                                        | 45-63 (%)                               | 48.03 %                                 |
| Appearance (P305387Form)                                              | Crystals                                | Crystals                                |
| ICP:Confirms Mo and P Components                                      | Confirmed                               | Confirmed                               |
| Solubility in H <sub>2</sub> O,clear ,yellow to yellow-green,50 mg/mL | pass                                    | Pass                                    |
| X-Ray Diffraction                                                     | Conforms to Structure                   | Conforms to Structure                   |
| Appearance (P305387Color)                                             | Yellow to Yellow-Orange or yellow-green | Yellow to Yellow-Orange or yellow-green |



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QA & QC Manager