

## Certificate of Analysis

Date of Testing: 2023-06-06 13:51:15  
Date of Next Testing: 2027-06-05 13:51:15  
Product Name: **Ammonium molybdate tetrahydrate**  
CAS Number: 12054-85-2  
Specifications & Purity: for cell culture, for insect cell culture, 81-83% as MoO<sub>3</sub>  
Lot #: E2327653  
SKU #: **A116376**  
Analysis: **207403**

| Parameter                                                                      | Limit Values              | Result                    |
|--------------------------------------------------------------------------------|---------------------------|---------------------------|
| Assay by Titration (as MoO <sub>3</sub> by Pb(NO <sub>3</sub> ) <sub>2</sub> ) | 81-83 (%)                 | 82.99%                    |
| Appearance (A116376)                                                           | White to Off-White Powder | White to Off-White Powder |
| Solubility, Clear, 100 mg/mL in 1N NaOH                                        | pass                      | Pass                      |
| Cell Culture Test                                                              | pass                      | Pass                      |
| Insect cell culture test                                                       | pass                      | Pass                      |
| Infrared spectrum                                                              | Conforms to Structure     | Conforms to Structure     |
| X-Ray Diffraction                                                              | Conforms to Structure     | Conforms to Structure     |



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