

## Certificate of Analysis

Date of Testing: 2022-08-02 21:26:51  
Date of Next Testing: 2026-08-01 21:26:51  
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 #: H2201099  
SKU #: **A116376**  
Analysis: **121008**

| Parameter  | Limit Values              | Result                    |
|--|---------------------------|---------------------------|
| Assay by Titration (as MoO <sub>3</sub> by Pb(NO <sub>3</sub> ) <sub>2</sub> ) | 81-83 (%)                 | 82.96 %                   |
| Appearance (A116376)   | White to Off-White Powder | White to Off-White Powder |
| Cell Culture Test  | pass                      | Pass                      |
| Infrared spectrum  | Conforms to Structure     | Conforms to Structure     |
| Insect cell culture test   | pass                      | Pass                      |
| Solubility, Clear, 100 mg/mL in 1N NaOH  | pass                      | Pass                      |
| X-Ray Diffraction  | Conforms to Structure     | Conforms to Structure     |



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