

## Certificate of Analysis

Date of Testing: 2023-06-06 18:13:46  
Date of Next Testing: 2027-06-05 18:13:46  
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 #: E2327649  
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



John Su  
QA & QC Manager