

Certificate of Analysis

Date of Testing: 2022-12-28 09:21:15
Date of Next Testing: 2026-12-27 09:21:15
Product Name: **Ammonium molybdate tetrahydrate**
CAS Number: 12054-85-2
Specifications & Purity: for cell culture, for insect cell culture, 81-83% as MoO₃
Lot #: L2214674
SKU #: **A116376**
Analysis: **172061**

Parameter	Limit Values	Result
Assay by Titration (as MoO ₃ by Pb(NO ₃) ₂)	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



John Su
QA & QC Manager