

Certificate of Analysis

Date of Testing: 2022-08-25 17:24:57
Date of Next Testing: 2026-08-24 17:24:57
Product Name: **Sodium molybdate dihydrate**
CAS Number: 10102-40-6
Specifications & Purity: $\geq 99.5\%$, suitable for plant cell culture
Lot #: H2223530
SKU #: **S320063**
Analysis: 117284
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Assay(Titration by $\text{Pb}(\text{NO}_3)_2$)	99.5-102.5 (%)	102.20000 %
Appearance(S320063)	White Powders or crystals	White Powder or Crystals
Solubility in H_2O , 100mg/ml, clear, colorless solution to slightly hazy	Pass	Pass
Cell Culture Test	pass	Pass
ICP: Confirms Molybdenum and Sodium Component	confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager