

## Certificate of Analysis

Date of Testing: 2022-08-25 16:16:44  
Date of Next Testing: 2026-08-24 16:16:44  
Product Name: **Sodium molybdate dihydrate**  
CAS Number: 10102-40-6  
Specifications & Purity:  $\geq 99.5\%$ , suitable for plant cell culture  
Lot #: H2223529  
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 $\text{H}_2\text{O}$ , 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