

Certificate of Analysis

Date of Testing: 2023-02-23 20:12:12
Date of Next Testing: 2027-02-22 20:12:12
Product Name: **Sodium molybdate dihydrate**
CAS Number: 10102-40-6
Specifications & Purity: $\geq 99.5\%$, suitable for plant cell culture
Lot #: B2318401
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 |



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