



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

Catalogue Number: S645650

CAS Number: 10102-40-6

Product: Sodium Molybdate Dihydrate

Synonym: Molybdic Acid (H₂MoO₄) Disodium Salt Dihydrate; Disodium Molybdate (Na₂MoO₄) Dihydrate; Disodium Molybdate Dihydrate; Molyhibit 100; Sodium Molybdate (Na₂MoO₄) Dihydrate; Sodium Molybdate (Na₂MoO₄·2H₂O); Sodium Molybdate Dihydrate

Structure: $\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$

Molecular Formula:

H₄MoNa₂O₆

Molecular weight:

241.97

Source of Product:

N/A

Solubility:

3.1 mg/mL in Water, Only
Soluble in Water

Lot Number: 7-RTU-177-1

Purity: N/A

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
Elemental Analysis	Conforms	%H: 1.54
Molybdenum Content	Report Result	42.3% by ICP Analysis
Sodium Content	Report Result	18.89% by Ion Chromatography
Water Content	Report Result	13.8% by Karl Fischer

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Swathi Reddy	Toni Rantanen	Chanell Chu	2/4/2023	2/2/2027