

# Chem-Impex International, Inc.

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## Certificate of Analysis

**Catalogue Number** 01266  
**Lot Number** 000052-25022  
**Product** **Sodium molybdate dihydrate**

Molybdic acid disodium salt dihydrate

**CAS Number** 10102-40-6  
**Molecular Formula**  $\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$

**Molecular Weight** 241.9

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**Appearance** White crystalline powder  
**Solubility** 56 g in 100 mL water at 0 °C  
**Heavy Metals** < 5 ppm (as Pb)  
**Anion** Chloride (Cl<sup>-</sup>): < 0.005%  
Phosphate (PO<sub>4</sub><sup>3-</sup>): < 5 ppm  
Sulfate (SO<sub>4</sub><sup>2-</sup>): < 0.015%  
**Cation** Ammonium (NH<sub>4</sub><sup>+</sup>): < 0.001%  
Iron (Fe): < 0.001%  
**pH** 9.4 (5% solution)  
**Insoluble material** < 0.005%  
**Assay by titration** 102.8%  
**Grade** ACS reagent  
**Application** Alkaloid reagent.  
**Storage** Store at RT

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**Remarks**

See material safety data sheet for additional information

For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**