



## UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

### **TECHNICAL DATA SHEET / Specification Sheet**

#### **Sodium molybdate dihydrate**

Synonym	: Molybdic acid sodium salt dihydrate
Molecular Formula	: $\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$
Molecular Weight	: 241.95
CAS No.	: 10102-40-6
Shelf Life	: 5 years

#### **Technical Specification**

Appearance	: White crystals or powder or solid
Solubility	: 100 mg soluble in 1 mL of water
pH (5% in water at 25°C)	: 7.00 - 10.50
Chloride (Cl)	: $\leq 0.01\%$
Iron (Fe)	: $\leq 0.001\%$ Loss
on drying (at 140°C, 2hr)	: 14.00 - 16.00%
Assay(Lead Nitrate/ $\text{KMnO}_4$ T, on dry basis)	: 98.00 - 103.00%