

# *Chem-Impex International, Inc.*

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## *Product Specifications*

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

<b>Catalogue Number</b>	01266
<b>Product</b>	<b>Sodium molybdate dihydrate</b> Molybdic acid disodium salt dihydrate
<b>CAS Number</b>	10102-40-6
<b>Molecular Formula</b>	$\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$
<b>Molecular Weight</b>	241.9

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	56 g in 100 mL water at 0 °C
<b>Heavy Metals</b>	≤ 5 ppm (as Pb)
<b>Anion</b>	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%
<b>Cation</b>	Ammonium (NH <sub>4</sub> <sup>+</sup> ) : ≤ 0.001% Iron (Fe) : ≤ 0.001%
<b>pH</b>	7.0 - 10.5
<b>Insoluble material</b>	≤ 0.005%
<b>Assay by titration</b>	99.5 - 103.0%
<b>Grade</b>	ACS reagent
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Identificaion : To pass test Loses its water of crystallization at 100 °C

**For Laboratory Use Only**