



# Product Specification

cdhfinechemical.com

## SODIUM MOLYBDATE AR REAGENT FOR ALKALOIDS

<b>PRODUCT CODE</b>	<b>644495</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(10102-40-6)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>Na<sub>2</sub>MoO<sub>4</sub>.2H<sub>2</sub>O</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>241.95</b>
<b>PROPERTIES</b>	<b>Noncombustible.</b>



<b>PARAMETER</b>	<b>LIMIT</b>
Description	A white crystalline powder.
Solubility	10% solution in water is clear to almost clear and colourless.
Assay (ex Mo)	99.0 - 102.0%
Reaction	pH 7.0 - 10.0

<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Insoluble matter	0.005%
Ammonium (NH <sub>4</sub> )	0.01%
Chloride (Cl)	0.001%
Nitrate (NO <sub>3</sub> )	0.005%
Phosphate (PO <sub>4</sub> )	0.001%
Sulphate (SO <sub>4</sub> )	0.02%
Copper (Cu)	0.002%
Iron (Fe)	0.001%
Lead (Pb)	0.002%

**Note(s) : Assay (if applicable) method mentioned.**

<b>WARNING</b> <b>Hazard statements</b> :May be harmful if swallowed. <b>Precautionary statements</b> <b>Prevention:</b> ----- <b>Response</b> :IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.	IMDG Code : UN No. : IATA :
<b>Disposal:</b> The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company. The chemical is retained for recovery. Return the chemical to the supplier. Chemical is retained for recovery.	
Hazard Pictogram(s) :-	