



Product Specification

cdhfinechemical.com

SODIUM MOLYBDATE AR REAGENT FOR ALKALOIDS

PRODUCT CODE	644495
SYNONYMS	--
C.I. NO.	--
CASR NO.	(10102-40-6)
ATOMIC OR MOLECULAR FORMULA	Na₂MoO₄.2H₂O
ATOMIC OR MOLECULAR WEIGHT	241.95
PROPERTIES	Noncombustible.



PARAMETER	LIMIT
Description	White or almost white crystalline powder or colourless crystals.
Solubility	10% solution in water is clear to almost clear and colourless.
Assay (ex Mo)	99.0 - 102.0%
Reaction	pH 6.0 - 10.5

MAXIMUM LIMIT OF IMPURITIES	
Loss on drying (at 140°C, 2hr)	14.00 – 16.00%
Insoluble matter	0.005%
Ammonium (NH ₄)	0.01%
Chloride (Cl)	0.001%
Nitrate (NO ₃)	0.005%
Phosphate (PO ₄)	0.001%
Sulphate (SO ₄)	0.02%
Copper (Cu)	0.002%
Iron (Fe)	0.001%
Lead (Pb)	0.002%

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

WARNING Hazard statements : May be harmful if swallowed. Precautionary statements Prevention: ----- Response : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.	IMDG Code : UN No. : IATA :
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Disposal: 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) :-

Replace date 18-Nov-2025