



Product Specification

cdhfinechemical.com

AMMONIUM MOLYBDATE TETRAHYDRATE COLD SOLUBLE

PRODUCT CODE	027187
SYNONYMS	Ammonium Heptamolybdate
C.I. NO.	—
CASR NO.	12054-85-2
ATOMIC OR MOLECULAR FORMULA	$(\text{NH}_4)_6.\text{Mo}_7\text{O}_{24}.4\text{H}_2\text{O}$
ATOMIC OR MOLECULAR WEIGHT	1235.9 $(\text{NH}_4)_6.\text{Mo}_7\text{O}_{24}.4\text{H}_2\text{O}$
PROPERTIES	Insoluble in alcohol, melting point decomposes. Nonflammable.
PARAMETER	LIMIT
Description	White crystals or crystalline masses sometime with a slight green or yellow tint.
Solubility	10% solution in water is clear and colourless or almost colourless.
Assay (Oxidimetric)	98.0-102.0%
MAXIMUM LIMIT OF IMPURITIES	
Phosphate (PO_4)	0.02%
Heavy metals (as Pb)	0.005%
Note(s) : Assay (if applicable) method mentioned.	
WARNING	IMDG Code : -- UN No. : -- IATA : --
Hazard statements: Not hazardous. No hazards.	
Precautionary statements	
Prevention: ----- Response: -----	
Disposal:-----	
Hazard Pictogram(s) :-----	

Replace date 20-Sep-2025