



Product Specification

cdhfinechemical.com

AMMONIUM MOLYBDATE TETRAHYDRATE AR/ACS COLD SOLUBLE

PRODUCT CODE	457430
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 uniform crystalline masses sometimes with a slight green or yellow tint.
Solubility	10% solution in water is clear and colourless or almost colourless.
Minimum assay (Oxidimetric)	99.0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter	0.005%
Chloride (Cl)	0.0005%
Arsenate, Phosphate & Silicate (PO_4)	0.0005%
Nitrate (NO_3)	0.002%
Sulphate (SO_4)	0.005%
Iron (Fe)	0.001%
Lead (Pb)	0.001%

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

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

Disposal:-----

Hazard Pictogram(s) :-----

IMDG Code : --

UN No. : --

IATA : --

Replace date 19-Sep-2025