



AMMONIUM MOLYBDATE TETRAHYDRATE COLD SOLUBLE

PRODUCT CODE	R05039	
SYNONYMS	Ammonium Heptamolybdate	
C.I. NO.	—	
CASR NO.	12054-85-2	
ATOMIC OR MOLECULAR FORMULA	$(\text{NH}_4)_6 \cdot \text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$	
ATOMIC OR MOLECULAR WEIGHT	1235.9	$(\text{NH}_4)_6 \cdot \text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$
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)	0.002%	
Iron (Fe)	0.002%	
Note(s) : Assay (if applicable) method mentioned.		
WARNING	IMDG Code : --	
Hazard statements: Not hazardous. No hazards.	UN No. : --	
Precautionary statements	IATA : --	
Prevention: -----		
Response: -----		
Disposal: -----		
Hazard Pictogram(s) :-----	<p>GHS05 GHS07</p>	

Replace Date 1 April 2023