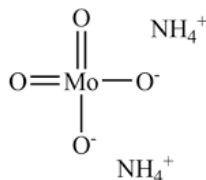


Product Information

AMMONIUM MOLYBDATE TETRAHYDRATE 99,3 % AR

Ammonium heptamolybdate tetrahydrate



Product Code	O-5026	Grade	Analytical Reagent
Purity	99,3%	CAS No	12054-85-2
Molecular Formula	$((\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O})$	Molecular Weight	1235.90 g/mol
H.S.Code	2841.7090	Shelf Life	60 Months

Physical Properties

Physical state	crsytalline	Melting point	90°C
Colour	White	pH	5 – 5,5 at 25 °C
Boiling point	190 °C	Decomposition Temperature	190°C
Solubility in water	4,3 g/l at 20 °C	Relative density	2,498 g/mL at 25 °C

Packaging

500 gram

Specification

Appearance	White crystalline powder
Assay	99.3 - 108.8 %
Assay (as MoO ₃)	81 - 83 %
Identity	to pass as per USP
Insoluble matter	max 0.005 %
Chloride (Cl)	max 0.002 %
Arsenate,phosphate,silicate (PO ₄)	max 0.001 %
Nitrate (NO ₃)	passes test
Phosphate (PO ₄)	max 0.0005 %
Heavy metals (as Pb)	max 0.001 %
Magnesium (Mg)	max 0.005 %
Sodium (Na)	max 0.01 %
Potassium (K)	max 0.01 %
Sulphate (SO ₄)	max 0.02 %
Magnesium & alkali salts	max 0.02 %

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: warning

UN No.: not applicable

IMCO Class No.:not applicable

Packing Group: not applicable

Hazardous Statement: H315-H319-H335

Precaution Statement: P261-P305+P351+P338