

Product name: **Ammonium heptamolybdate tetrahydrate**

Synonyms: Ammonium molybdate, Hexammonium heptamolybdate 4-hydrate

CAS number: 12054-85-2

General information:		
	Chemical formula: $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$	Molar Mass: 1235.86 g/mol
	Appearance: white crystalline powder	Density: 2.498 g/cm ³
	Solub. in water: 400 g/l	Melting point: ~90°C
	Boiling point : 190°C	pH value : 5.3 (H ₂ O, 20 °C)
	Storage temp.: +2°C to +30	Cautions: Not a hazardous substance
	R: N/A	S: N/A
	HS-No.: 2841 70 00	EC-No.: 234-722-4

Hazard Symbol

Safety Information

Grade

Laboratory

Specification:				
Assay	≥	98.0	%	
Description		Conforms		
Solubility		Conforms		
Sulfate (SO ₄)	≤	0.02	%	
Chloride (Cl)	≤	0.002	%	
Phosphate, Arsenate, Silicate (as PO ₄)	≤	0.002	%	
Lead (Pb)	≤	0.002	%	
Iron (Fe)	≤	0.005	%	

Ordering code	25 g	50 g	100 g	250 g	1000g
P.E.					466.05.01000.02
Glass				466.05.00250.01	