

## Product Information

### TECHNICAL DATA SHEET / Specification Sheet

#### **Ammonium molybdate tetrahydrate**

Synonym	: Ammonium heptamolybdate tetrahydrate
Molecular Formula	: $(\text{NH}_4)_6 \text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$
Molecular Weight	: 1235.86
CAS No.	: 12054-85-2
Shelf Life	: 5 years

#### **Technical Specification**

Appearance	: White crystals or powder, sometimes with a slight green or yellow tint
Solubility	: 100 mg soluble in 1 mL of water
Chloride (Cl)	: $\leq 0.0005\%$
Lead (Pb)	: $\leq 0.001\%$
Iron (Fe)	: $\leq 0.001\%$
Copper (Cu)	: $\leq 0.001\%$
Sulfate ( $\text{SO}_4$ )	: $\leq 0.005\%$
Water insoluble matter	: $\leq 0.005\%$
Arsenate, Phosphate and Silicate ( $\text{PO}_4$ )	: $\leq 0.0005\%$
Assay (Lead nitrate Titration)	: 99.00 - 101.00%