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Product Specifications



Catalogue Number 00021

Product **Ammonium molybdate tetrahydrate**

Ammonium heptamolybdate tetrahydrate

Molybdic acid ammonium salt tetrahydrate

CAS Number 12054-85-2

Molecular Formula $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$

Molecular Weight 1235.86

Appearance White crystalline powder

Solubility Soluble in water

Heavy Metals $\leq 0.001\%$ (Pb)

Anion Chloride (Cl^-) : $\leq 0.002\%$
Sulfate (SO_4^{2-}) : $\leq 0.02\%$
Nitrate (NO_3^{2-}) : To pass test
Phosphate (PO_4^{3-}) : ≤ 5 ppm
Arsenate, Phosphate, and Silicate (as SiO_2) : $\leq 0.001\%$

Cation Magnesium (Mg) : $\leq 0.005\%$
Sodium (Na) : $\leq 0.01\%$
Potassium (K) : $\leq 0.01\%$

Insoluble material $\leq 0.005\%$

Assay by titration 81 - 83% (as MoO_3)

Grade ACS reagent

Storage Store at RT

For Laboratory Use Only