

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number 00021
Lot Number 000331-32549
Product **Ammonium molybdate tetrahydrate**

Ammonium heptamolybdate tetrahydrate

Molybdic acid ammonium salt tetrahydrate

CAS Number 12027-67-7
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 < 0.001% (Pb)
Anion Chloride (Cl⁻): < 0.002%
Sulfate (SO₄²⁻): < 0.02%
Nitrate (NO₃²⁻): < 0.003%
Phosphate (PO₄³⁻): < 5 ppm
Arsenate, Phosphate, and Silicate: < 0.001%
Cation Magnesium (Mg): < 0.002%
Sodium (Na): < 0.002%
Potassium (K): < 0.007%
Insoluble material 0.001%
Assay 100.2%
Assay by titration 81.2% (MoO₃)
Grade ACS reagent
Application Determination of phosphates, arsenates, and lead
Storage Store at RT

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager