

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Ammonium molybdate tetrahydrate**
Specifications & Purity: **Ultrapure BioReagent, ≥99.0% (T)**
SKU #: **A431568**

Parameter	Limit Values
Appearance(A431568)	White to Off White Powder or Crystals
Assay	99-101 (%)
Calcium(Ca)	0-10 (ppm)
Cadmium(Cd)	0-5 (ppm)
Cobalt (Co)	0-5 (ppm)
Chromium (ICP)	0-5 (ppm)
Copper(Cu)	0-5 (ppm)
Iron(Fe)	0-5 (ppm)
Potassium(K)	0-50 (ppm)
Magnesium (Mg)	0-5 (ppm)
Manganese(Mn)	0-5 (ppm)
Sodium(Na)	0-50 (ppm)
Nickel(Ni)	0-5 (ppm)
Lead(Pb)	0-5 (ppm)
Zinc(Zn)	0-5 (ppm)
Chloride (Cl-)	0-10 (ppm)
Nitrate(NO3)	0-20 (ppm)
Sulfate(SO42-)	0-100 (ppm)
Solubility(0.05M in H2O,clear colorless)	Pass
Phosphate,Silikate,Arsenate(as PO4)	0-10 (ppm)
pH(25°C,0.05 M in H2O)	4-5.5
Residue(filter test,No residue)	Pass
CUT-OFF(H2O at 0.05 M)	≤360 (nm)
ICP: Confirms Molybdenum Component	Confirmed
X-Ray Diffraction	Conforms to Structure