

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-22 17:38:17
 Date of Next Testing: 2028-08-21 17:38:17
 Product Name: **Ammonium molybdate tetrahydrate**
 CAS Number: 12054-85-2
 Specifications & Purity: ACS, MoO₃ 81-83%
 Lot #: H2414025
 SKU #: **A116379**
 Version: **1**
 Analysis #: **004248**
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Chloride (Cl-)	0-0.002 (%)	0.00 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Arsenate,phosphate,and silicate(SiO ₂)	0-0.001 (%)	0.00 %
Potassium(K)	0-0.01 (%)	0.00 %
Magnesium(Mg)	0-0.005 (%)	0.00 %
Phosphate(PO ₄)	0-5 (ppm)	2.50 ppm
Sulfate(SO ₄ 2-)	0-0.02 (%)	0.02 %
(NO ₃)Nitrate	0-0.003 (%)	0.00 %
Sodium(Na)	0-0.01 (%)	0.01 %
Assay	81-83 (%)	82.37 %
Appearance (A116379)	White crystals	White crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager