

Certificate of Analysis

Date of Testing: 2022-05-31 15:45:41

Date of Next Testing: 2026-05-30 15:45:41

Product Name: **Ammonium molybdate tetrahydrate**

CAS Number: 12054-85-2

Specifications & Purity: ACS, 81-83% as MoO₃

Lot #: E2223024

SKU #: **A116379**

Analysis: 075936

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 %
Potassium(K)	0-0.01 (%)	0.00 %
Magnesium(Mg)	0-0.005 (%)	0.00 %
Phosphate(PO ₄)	0-5 (ppm)	0.83 ppm
Sulfate(SO ₄ 2-)	0-0.02 (%)	0.01 %
(NO ₃)Nitrate	0-0.003 (%)	0.00 %
Arsenate,phosphate,and silicate(SiO ₂)	0-0.001 (%)	0.00 %
Sodium(Na)	0-0.01 (%)	0.01 %
Assay	81-83 (%)	82.99 %
Appearance (A116379)	White crystals	White crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager