

Certificate of Analysis

Date of Testing: 2023-09-06 09:33:01

Date of Next Testing: 2027-09-05 09:33:01

Product Name: **Molybdenum(VI) oxide**

CAS Number: 1313-27-5

Specifications & Purity: ACS, ≥99.5%

Lot #: H2328774

SKU #: **M294927**

Version: **2**

Analysis #: **260361**

Parameter	Limit Values	Result
Purity Based on Trace Metals Impurities	99.5-100 (%)	99.94 %
Insoluble matter(C = 8.3%; Dilute NH ₄ OH)	≤ 0.01(%)	0.00000 %
Chloride	0-0.002 (%)	0.00 %
Heavy metal (as Pb)	0-0.005 (%)	0.00 %
(PO ₄)Phosphate	0-5 (ppm)	0.00 ppm
Sulfate(SO ₄ ²⁻)	0-0.02 (%)	0.01 %
Miscellaneous Assay(Arsenate, Phosphate and Silicate)	≤ 0.001(%)	0.00000 %
(NO ₃)Nitrate	0-0.003 (%)	0.00 %
Ammonium(NH ₄)	0-0.002 (%)	0.00000 %
Appearance(Color)(M294927)	Conforms to Requirements Pale to Light Green	Conforms to Requirements Pale to Light Green
Appearance(Form)(M294927)	Powder	Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager