

Certificate of Analysis

Date of Testing: 2023-11-03 17:04:41
Date of Next Testing: 2026-11-02 17:04:41
Product Name: **Molybdenum(IV) sulfide**
CAS Number: 1317-33-5
Specifications & Purity: nanopowder, 90 nm diameter (APS), 99% trace metals basis
Lot #: J2330561
SKU #: **M431857**
Analysis: 288026

Parameter	Limit Values	Result
Particle size	80-100 (nm)	90.00 nm
Purity(Based On Trace Metals Analysis)	99-100 (%)	99.77 %
Trace Metal Analysis	0-10000 (ppm)	2338.90 ppm
Appearance(M431857)	Grey to Black Powder	grey to black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
ICP Major Analysis Confirms Molybdenum Component	Confirmed	Confirmed



John Su
QA & QC Manager