

Certificate of Analysis

Date of Testing: 2024-04-01 16:04:24
Date of Next Testing: 2027-04-01 16:04:24
Product Name: **Molybdenum(IV) sulfide**
CAS Number: 1317-33-5
Specifications & Purity: nanopowder, 90 nm diameter (APS), 99% trace metals basis
Lot #: C2426286
SKU #: **M431857**
Analysis: 331520

Parameter	Limit Values	Result
Particle size	80-100 (nm)	90.00 nm
Purity(Based On Trace Metals Analysis)	99-100 (%)	99.00 %
Trace Metal Analysis	0-10000 (ppm)	2338.90 ppm
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
ICP Major Analysis Confirms Molybdenum Component	Confirmed	Confirmed
Appearance(M431857)	Grey to Black Powder	grey to black powder



John Su
QA & QC Manager