

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-24 17:50:40
 Date of Next Testing: 2028-03-23 17:50:40
 Product Name: **Molybdenum(IV) sulfide**
 CAS Number: 1317-33-5
 Specifications & Purity: $\geq 99\%$ metals basis, nanopowder, 90nm diameter (Aps)
 Lot #: C2517538
 SKU #: **M431857**
 Version: **1**
 Analysis #: **475084**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Particle size	80-100 (nm)	90.00000 nm
Purity(Based On Trace Metals Analysis)	99-100 (%)	99.76111 %
Trace Metal Analysis	0-10000 (ppm)	2338.90000 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