

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-09 11:25:59

Date of Next Testing: 2029-01-08 11:25:59

Product Name: **Molybdenum(IV) sulfide**

CAS Number: 1317-33-5

Specifications & Purity: $\geq 99\%$ metals basis, nanopowder, 90nm diameter (Aps)

Lot #: A2608401

SKU #: **M431857**

Version: **1**

Analysis #: **633097**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Particle size	80-100 (nm)	90.00000 nm
Purity(Based On Trace Metals Analysis)	99-100 (%)	99.64507 %
Trace Metal Analysis	0-10000 (ppm)	3549.30000 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