



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-17 20:31:42

Date of Next Testing: 2026-12-16 20:31:42

Product Name: **Molybdenum disulfide**

CAS Number: 12136-78-6

Specifications & Purity: $\geq 99\%$ metals basis

Lot #: L2214352

SKU #: **M100523**

Version: **0**

Analysis #: **170110**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99-100 (%)	99.97630 %
Total Metallic Impurities	0-10000 (ppm)	237.00000 ppm
Appearance (M100523)	grey to black powder	grey to black powder
ICP: Confirms Mo and Si Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager