

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-16 10:49:15

Date of Next Testing: 2029-10-15 10:49:15

Product Name: **Molybdenum disulfide**

CAS Number: 12136-78-6

Specifications & Purity: $\geq 99.9\%$ metals basis

Lot #: A2211436

SKU #: **M100522**

Version: **1**

Analysis #: **587770**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Particle size	3-5 (μm)	3.50000 μm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.99580 %
Total Metallic Impurities	0-2000 (ppm)	42.00000 ppm
Appearance (M100522)	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