

Certificate of Analysis

Date of Testing: 2023-02-12 12:47:26

Date of Next Testing: 2027-02-11 12:47:26

Product Name: **Molybdenum disulfide**

CAS Number: 12136-78-6

Specifications & Purity: 99.9% metals basis

Lot #: B2309101

SKU #: **M100522**

Analysis: **062162**

Parameter	Limit Values	Result
Particle size	3-5 (µm)	4.00 µm
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	100.00 %
Trace Rare Earth Analysis	0-2000 (ppm)	42.00 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