

Certificate of Analysis

Date of Testing: 2022-12-17 20:30:33

Date of Next Testing: 2026-12-16 20:30:33

Product Name: **Molybdenum disulfide**

CAS Number: 12136-78-6

Specifications & Purity: 99.9% metals basis

Lot #: L2214348

SKU #: **M100522**

Analysis: **153824**

Parameter	Limit Values	Result
Particle size	3-5 (µm)	4.00 µm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.98 %
Total Metallic Impurity	0-2000 (ppm)	237.00 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