

## Certificate of Analysis

Date of Testing: 2022-12-17 20:24:25

Date of Next Testing: 2026-12-16 20:24:25

Product Name: **Molybdenum disulfide**

CAS Number: 12136-78-6

Specifications & Purity: 99.9% metals basis

Lot #: L2214346

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