

Certificate of Analysis

Date of Testing: 2022-07-19 16:54:11
Date of Next Testing: 2026-07-18 16:54:11
Product Name: **Molybdenum sulfide**
CAS Number: 1317-33-5
Specifications & Purity: 99.5% metals basis, <2 um
Lot #: 11817118
SKU #: **M104968**
Analysis: 114929
Storage Temperature: Argon charged

Parameter	Limit Values	Result
total metallic impurities(by ICP Atomic emission)	0-5000 (ppm)	4680.00 ppm
Particle size	0-2 (µm)	1.20 µm
Purity(Based on Trace Metals Impurities of ICP)	99.5-100 (%)	99.53 %
Mo (Oxide Precipitation)	59-60.8 (%)	60.20 %
Appearance (M104968)	Grey, Black, Grey-Black or Grey-Blue Powder	Grey, Black, Grey-Black or Grey-Blue Powder
ICP: Confirms Molybdenum Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager