

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-17 13:52:16
 Date of Next Testing: 2030-06-16 13:52:16
 Product Name: **Molybdenum sulfide**
 CAS Number: 1317-33-5
 Specifications & Purity: $\geq 99.5\%$ metals basis, $< 2 \mu\text{m}$
 Lot #: F2615529
 SKU #: **M104968**
 Version: **0**
 Analysis #: **715456**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Particle size	0-2 (μm)	0.28900 μm
total metallic impurities(by ICP Atomic emission)	0-5000 (ppm)	4215.00000 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.5-100 (%)	99.57850 %
Mo (Oxide Precipitation)	59-60.8 (%)	59.05000 %
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