

Certificate of Analysis

Date of Testing: 2022-03-09 15:59:49
Date of Next Testing: 2026-03-08 15:59:49
Product Name: **Molybdenum sulfide**
CAS Number: 1317-33-5
Specifications & Purity: 99.5% metals basis, <2 µm
Lot #: C2203230
SKU #: **M104968**
Analysis: **063886**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---|---|---|
| total metallic impurities(by ICP Atomic emission) | 0-5000 (ppm) | 1267.00 ppm |
| Particle size | 0-2 (µm) | 1.14 µm |
| Purity(Based on Trace Metals Impurities of ICP) | 99.5-100 (%) | 99.87 % |
| Mo (Oxide Precipitation) | 59-60.8 (%) | 59.12 % |
| 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 |



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