

## Certificate of Analysis

### Compound Information

Product Name:	Molybdenum sulfide, 99.5% metals basis
Cat. No.:	1692002
CAS No.:	1317-33-5
Molecular Formula:	MoS <sub>2</sub>
Molecular Weight:	160.09
Chemical Structure:	



### Batch Information

Batch No.:	Lg0213201516
Storage:	Store at room temperature, keep dry and cool
Test Date:	2023-02-13
Retest Date:	2026-02-12
Origin:	Shanghai, China

### QC Summary

	Specification	Result
Appearance:	Brown to black (Solid)	Black (Powder)
Purity, ω/%:	≥99.5	99.56
Structure Identification(X-Ray Diffraction):	Conforms to Structure	Conforms to Structure
Structure Identification(ICP):	Conforms to Structure	Conforms to Structure
Other Metal Impurities, ppm:	≤5000	4400
Conclusion:	The product has been tested and complies with the given specifications.	

Caution: Research use only and are not intended for human use.

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