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Certificate of Analysis

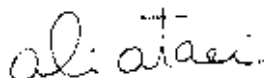
Product Name:

Molybdenum(IV) sulfide - powder, <2 µm, 99%

Product Number: 234842
Batch Number: MKBV7092V
Brand: ALDRICH
CAS Number: 1317-33-5
MDL Number: MFCD00003470
Formula: MoS₂
Formula Weight: 160.07 g/mol
Quality Release Date: 26 MAY 2015

MoS₂

Test	Specification	Result
Appearance (Color) Grey, Black, Grey-Black or Grey-Blue	Conforms to Requirements	Black
Appearance (Form)	Powder	Powder
X-Ray Diffraction	Conforms to Structure	Conforms
ICP Major Analysis Confirms Molybdenum and Sulfur Components	Confirmed	Conforms
Size	≤ 2.00 micron	1.92 micron
Oxide Precipitation % Molybdenum	59.0 - 60.8 %	59.9 %



Ali Ataei, Manager
Quality Control
Milwaukee, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.