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Product Specification

Product Name:

Molybdenum(IV) sulfide - powder, <2 µm, 98%

Product Number:

234842

CAS Number:

1317-33-5

MDL:

MFCD00003470

Formula:

MoS₂

Formula Weight:

160.07 g/mol



TEST	Specification
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Appearance (Color)

Conforms to Requirements

Grey, Black, Grey-Black or Grey-Blue

Appearance (Form)

Powder

X-Ray Diffraction

Conforms to Structure

ICP Major Analysis

Confirmed

Confirms Molybdenum and Sulfur Components

Average Particle Size

≤ 2.00 micron

Oxide Precipitation

58.4 - 61.4 %

% Molybdenum

Specification: PRD.2.ZQ5.10000034265

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.