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Product Specification

Product Name:
Nickel sulfide - 99.7% trace metals basis, -150 mesh

Product Number: 343226
CAS Number: 12035-72-2
MDL: MFCD00217044
Formula: Ni₃S₂
Formula Weight: 240.21 g/mol



| TEST | Specification |
|---------------------------------------|--------------------------|
| Appearance (Color) | Conforms to Requirements |
| Grey to Grey-Green or Dark Grey | |
| Appearance (Form) | Powder |
| Gravimetric Analysis | ≥ 64.6 % |
| % Ni | |
| Size | Conforms |
| -150 Mesh | |
| ICP Major Analysis | Confirmed |
| Confirms Nickel and Sulfur Components | |
| Purity | Meets Requirements |
| 99.7% Based on Trace Metals Analysis | |
| Trace Metal Analysis | ≤ 3500.0 ppm |

Specification: PRD.3.ZQ5.10000035521

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.

