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Product Specification

Product Name:

Copper – nanopowder, 40–60 nm particle size (SAXS), ≥99.5% trace metals basis

Product Number:

774111

CAS Number:

7440-50-8

Formula:

Cu

Formula Weight:

63.55 g/mol

Cu**TEST****Specification**

Appearance (Color)

Brown to Very Dark Brown and Red to Very Dark Red and Red-Brown and Very Dark Red-Brown and Black Powder

Appearance (Form)

X-Ray Diffraction

Conforms to Structure

Particle Size

40-60 nm (SAXS)

Confirmed

Oxygen

≤ 10 %

Recommended Retest Period

2 years

Purity

Meets Requirements

> = 99.5% Based On Trace Metals Analysis

Trace Metal Analysis

≤ 5000.0 ppm

Specification: PRD.3.ZQ5.10000032712

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.