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## Product Specification

Product Name:

Silicon – powder, –60 mesh, 99.998% trace metals basis

Product Number:

267414

CAS Number:

7440-21-3

MDL:

MFCD00085311

Formula:

Si

Formula Weight:

28.09 g/mol

Si

### TEST

### Specification

Appearance (Color)

Conforms to Requirements

Grey to Purple-Grey or Dark Brown

Appearance (Form)

Powder

X-Ray Diffraction

Conforms to Structure

Particle Size Distribution

+ 60 Mesh

Particle Size Distribution

+ 100 Mesh

Particle Size Distribution

+ 200 Mesh

Particle Size Distribution

+ 325 Mesh

Particle Size Distribution

-325 Mesh

Purity

Meets Requirements

99.998% Based on Trace Metals Analysis

Trace Metal Analysis

≤ 25.0 ppm

Specification: PRD.1.ZQ5.10000074698

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](http://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.