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Product Specification

Product Name:

Titanium(IV) oxide, rutile - nanopowder, <100 nm particle size, 99.5% trace metals basis

Product Number:

637262

CAS Number:

1317-80-2

MDL:

MFCD00011269

Formula:

O₂Ti

Formula Weight:

79.87 g/mol



TEST

Specification

Appearance (Color)

White to Off-White

Appearance (Form)

Powder or Crystals

X-Ray Diffraction

Conforms to Structure

Miscellaneous Assay

Confirmed

Anatase 5.0-10.0 wt%

Average Particle Size

≤ 100 nm

Trace Metal Analysis

≤ 6000.0 ppm

Purity

Meets Requirements

99.5% Based On Trace Metals Analysis

Note

Note

Contains Small Amount of Anatase

Specification: PRD.1.ZQ5.10000069915

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.

