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## Product Specification

Product Name:

Titanium(IV) oxide - nanopowder, 21 nm primary particle size (TEM), ≥99.5% trace metals basis

Product Number:

718467

CAS Number:

13463-67-7



Formula:

O<sub>2</sub>Ti

Formula Weight:

79.87 g/mol

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Surface Area	35 - 65 m <sup>2</sup> /g
pH	3.5 - 4.5
HCl Content	≤ 0.30 %
Loss on Drying	
Specification: Report Only	
ICP Major Analysis	Confirmed
Confirms Ti Component	
Purity	Meets Requirements
> = 99.5% Based On Trace Metals Analysis	
Trace Metal Analysis	≤ 5000.0 ppm

Specification: PRD.4.ZQ5.10000017835

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.