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Product Specification

Product Name:

Titanium(IV) oxide, mixture of rutile and anatase - nanoparticles, <150 nm particle size (volume distribution, DLS), dispersion, 40 wt. % in H₂O, 99.5% trace metals basisProduct Number: **700347**Formula: O₂Ti

Formula Weight: 79.87 g/mol

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Liquid
Density	1.1 - 1.5 g/ml
Solid Content	37.0 - 43.0 %
Size	≤ 150 nm
Particle Size (DLS) D90	
ICP Major Analysis	Confirmed
Confirms Titanium Component	
Purity	Meets Requirements
99.5% Based On Trace Metals Analysis	
Trace Metal Analysis	≤ 5500.0 ppm

Specification: PRD.2.ZQ5.10000005669

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.