

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	47248
<b>Product</b>	<b>Titanium oxide nanopowder (Anatase) (~5 nm)</b>
<b>CAS Number</b>	1317-70-0
<b>Molecular Formula</b>	TiO <sub>2</sub>
<b>Molecular Weight</b>	79.87

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<b>Appearance</b>	White powder
<b>Melting Point</b>	2970 °C
<b>Boiling point</b>	1840 °C
<b>Mesh Size</b>	APS ~5 nm, SSA > 150m <sup>2</sup> /g
<b>Purity</b>	≥ 99.9% (Trace metals basis)
<b>Application</b>	Titanium oxide nanopowder used in UV-resistance, self-cleaning materials, glass, inks, cosmetics, paper, specialty coatings, organic sterilization, air filtration, antiseptic and antibacterial compounds, production of alloys, fibers
<b>Storage</b>	Store at RT

**For Laboratory Use Only**