

# Chem-Impex International, Inc.

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	47252
<b>Lot Number</b>	003344-7921-011223
<b>Product</b>	<b>Titanium oxide nanopowder (Rutile, Coated)</b>
<b>CAS Number</b>	1317-80-2
<b>Molecular Formula</b>	TiO <sub>2</sub>
<b>Molecular Weight</b>	79.87

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<b>Appearance</b>	White nanopowder
<b>Mesh Size</b>	APS (D50) 33 nm, SSA 65.5 m <sup>2</sup> /g
<b>Related Substances</b>	Impurities : Niobium (Nb) : 110 ppm, Aluminium (Al) : 88 ppm Calcium (Ca) : 76 ppm, Mercury (Hg) : < 0.5 ppm Magnesium (Mg) : 84 ppm
<b>Purity</b>	99.5% (Trace metals basis)
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Surface property : Hydrophilic Surfactant : 2%
<b>Country of Origin</b>	China
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager