

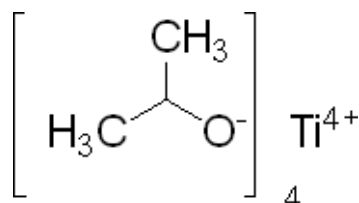
3050 Spruce Street, Saint Louis, MO 63103, USA

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## Product Specification

Product Name:  
Titanium(IV) isopropoxide – 99.999% trace metals basis

Product Number: 377996  
CAS Number: 546-68-9  
MDL: MFCD00008871  
Formula: C<sub>12</sub>H<sub>28</sub>O<sub>4</sub>Ti  
Formula Weight: 284.22 g/mol



### TEST

### Specification

Appearance (Color)	Colorless to Very Faint Yellow
Appearance (Form)	Liquid
Infrared spectrum	Conforms to Structure
Color Test	≤ 25 APHA
Complexometric EDTA (% Ti)	16.0 - 17.7 %
ICP: Confirms Titanium Compone	Confirmed
Trace Metal Analysis	≤ 20.0 ppm
20 ppm (Maximum) Total Metallic Impurities	
Purity	Meets Requirements
99.999% Based On Trace Metals Analysis	
Aluminum (Al)	
Antimony (Sb)	
Arsenic (As)	
Barium (Ba)	
Beryllium (Be)	
Bismuth (Bi)	
Boron (B)	
Cadmium (Cd)	
Calcium (Ca)	
Cerium (Ce)	
Cesium (Cs)	
Chromium (Cr)	
Cobalt (Co)	
Copper (Cu)	
Dysprosium (Dy)	
Erbium (Er)	

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.

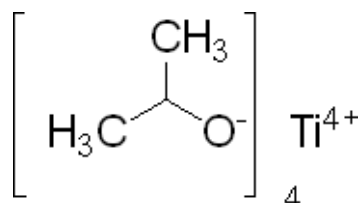
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TEST	Specification
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Europium (Eu)  
Gadolinium (Gd)  
Gallium (Ga)  
Germanium (Ge)  
Gold (Au)  
Hafnium (Hf)  
Holmium (Ho)  
Indium (In)  
Iridium (Ir)  
Iron (Fe)  
Lanthanum (La)  
Lead (Pb)  
Lithium (Li)  
Lutetium (Lu)  
Magnesium (Mg)  
Manganese (Mn)  
Mercury (Hg)  
Molybdenum (Mo)  
Neodymium (Nd)  
Nickel (Ni)  
Niobium (Nb)  
Osmium (Os)  
Palladium (Pd)  
Platinum (Pt)  
Potassium (K)  
Praseodymium (Pr)

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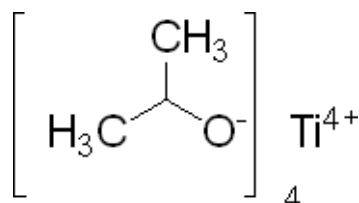
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TEST	Specification
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Rhenium (Re)  
Rhodium (Rh)  
Rubidium (Rb)  
Ruthenium (Ru)  
Samarium (Sm)  
Scandium (Sc)  
Silver (Ag)  
Sodium (Na)  
Strontium (Sr)  
Tantalum (Ta)  
Tellurium (Te)  
Terbium (Tb)  
Thallium (Tl)  
Thorium (Th)  
Thulium (Tm)  
Tin (Sn)  
Tungsten (W)  
Uranium (U)  
Vanadium (V)  
Ytterbium (Yb)  
Yttrium (Y)  
Zinc (Zn)  
Zirconium (Zr)

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