

## Certificate of Analysis

Date of Testing: 2024-05-17 18:47:57  
Date of Next Testing: 2028-05-16 18:47:57  
Product Name: **Titanium oxide, rutile**  
CAS Number: 13463-67-7  
Specifications & Purity: nanopowder, 25 nm particle size, 99.8% metals basis, hydrophilic  
Lot #: E2415287  
SKU #: **T104942**  
Version: **0**  
Analysis #: **349218**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.91 %
Total Metallic Impuritie	0-2000 (ppm)	882.00 ppm
Particle size	15-35 (nm)	25.00 nm
Appearance (T104942)	white powder	White powder
Crystal form(Rutile)	pass	Pass
ICP:Confirms Titanium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
surface properties,Hydrophilic	Conforms	Conforms



John Su  
QA & QC Manager