

## Certificate of Analysis

Date of Testing: 2023-11-06 17:14:52  
Date of Next Testing: 2027-11-05 17:14:52  
Product Name: **Titanium oxide**  
CAS Number: 13463-67-7  
Specifications & Purity: nanopowder, 100-300nm particle size, 99% metals basis, hydrophilic  
Lot #: K2303456  
SKU #: **T491120**  
**Analysis: 293163**

Parameter	Limit Values	Result
Trace Metal Analysis	≤10000.0 (ppm)	6926.00 ppm
Purity Based On Trace Metals Analysis	99-100 (%)	99.30740 %
Average particle size	100-300 (nm)	242.25 nm
Appearance(T491120)	White Powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
ICP Major Analysis Confirmed	Confirmed to structure	Confirmed to structure
surface properties, Hydrophilic	Conforms	Conforms
Crystal form(Rutile)	pass	Pass



John Su  
QA & QC Manager