

## Certificate of Analysis

Date of Testing: 2022-12-17 09:29:58  
Date of Next Testing: 2026-12-16 09:29:58  
Product Name: **Titanium oxide**  
CAS Number: 13463-67-7  
Specifications & Purity: nanopowder, 100-300nm particle size, 99% metals basis, hydrophilic  
Lot #: L2212298  
SKU #: **T491120**  
**Analysis: 170887**

Parameter	Limit Values	Result
Trace Metal Analysis	≤10000.0 (ppm)	8056.00 ppm
Purity Based On Trace Metals Analysis	99-100 (%)	99.19440 %
Average particle size	100-300 (nm)	260.81 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