

## Certificate of Analysis

Date of Testing: 2024-07-19 11:35:43  
Date of Next Testing: 2027-07-19 11:35:43  
Product Name: **Titanium(IV) oxide**  
CAS Number: 13463-67-7  
Specifications & Purity: nanopowder, 21 nm primary particle size (TEM), ≥99.5% trace metals basis  
Lot #: G2411654  
SKU #: **T431951**  
Version: **1**  
Analysis #: **365571**

Parameter	Limit Values	Result
Specific Surface Area	35-65 (m <sup>2</sup> /g)	36.25 m <sup>2</sup> /g
PH	3.5-4.5	3.92
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.98 %
Total Metallic Impurities	0-5000 (ppm)	220.00 ppm
Appearance(T431951)	White to Almost white powder to crystal	White to Almost white powder to crystal
ICP:Confirms Titanium Component	Confirmed	Confirmed



John Su  
QA & QC Manager