

## Certificate of Analysis

Date of Testing: 2024-03-05 09:34:56  
Date of Next Testing: 2028-03-04 09:34:56  
Product Name: **Titanium oxide, rutile**  
CAS Number: 13463-67-7  
Specifications & Purity: nanopowder, 40 nm particle size, 99.8% metals basis, hydrophilic  
Lot #: B2429556  
SKU #: **T104938**  
Analysis: **325652**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis) (Pre-coating content	99.8-100 (%)	99.88 %
Particle size	30-50 (nm)	37.89 nm
total metallic impurities(Pre-coating content)	0-2000 (ppm)	1160.00 ppm
Appearance (T104938)	white powder	White powder
Crystal form(Rutile)	pass	Pass
ICP:Confirms Titanium Component	Confirmed	Confirmed
surface properties,Hydrophilic	Conforms	Conforms
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager