

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-01-14 13:44:18  
Date of Next Testing: 2027-01-13 13:44:18  
Product Name: **Titanium oxide, anatase**  
CAS Number: 13463-67-7  
Specifications & Purity: nanopowder, 10nm-25 nm particle size,99.8% metals basis,hydrophilic  
Lot #: A2305591  
SKU #: **T104943**  
**Analysis: 162762**

Parameter	Limit Values	Result
Total Metallic Impuritie	0-2000 (ppm)	418.00 ppm
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.96 %
Particle size	10-25 (nm)	19.23 nm
Appearance (T104943)	white powder	White powder
Crystal form(Anatase)	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