

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-20 14:16:20
Date of Next Testing: 2026-03-19 14:16:20
Product Name: **Titanium oxide, rutile**
CAS Number: 13463-67-7
Specifications & Purity: nanopowder, <100 nm particle size, 99.8% metals basis, hydrophilic
Lot #: C2218331
SKU #: **T104951**
Analysis: 075358

Parameter	Limit Values	Result
Total Metallic Impurity	0-2000 (ppm)	206.00 ppm
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.98 %
Particle size	80-120 (nm)	92.45 nm
Appearance (T104951)	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