

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-20 19:20:27
Date of Next Testing: 2027-02-19 19:20:27
Product Name: **Titanium oxide**
CAS Number: 13463-67-7
Specifications & Purity: nanopowder, 98% metals basis, ≤100nm, rutile, hydrophilic
Lot #: B2315596
SKU #: **T299718**
Analysis: 190440

Parameter	Limit Values	Result
Trace Metal Analysis	0-20000 (ppm)	4434.00 ppm
Particle size	0-100 (nm)	60.81 nm
Purity(Based On Trace Metals Analysis)	98-100 (%)	99.56 %
Appearance (t299718)	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