

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-20 19:08:36

Date of Next Testing: 2027-02-19 19:08:36

Product Name: **Titanium oxide, rutile**

CAS Number: 13463-67-7

Specifications & Purity: nanopowder, <100 nm particle size, 99.8% metals basis, lipophilic

Lot #: B2307154

SKU #: **T104945**

Analysis: 190358

Parameter	Limit Values	Result
Total Metallic Impuritie	0-2000 (ppm)	814.00 ppm
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.92 %
Particle size	80-120 (nm)	96.47 nm
Appearance (T104945)	white powder	White powder
Crystal form(Rutile)	pass	Pass
ICP:Confirms Titanium Component	Confirmed	Confirmed
surface properties,Lipophilic	Conforms	Conforms
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager