

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-28 13:57:11

Date of Next Testing: 2028-06-27 13:57:11

Product Name: **Titanium oxide, rutile**

CAS Number: 13463-67-7

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

Lot #: F2420393

SKU #: **T104945**

Version: **0**

Analysis #: **365388**

Parameter	Limit Values	Result
Total Metallic Impuritie	0-2000 (ppm)	298.00 ppm
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.97 %
Particle size	80-120 (nm)	80.64 nm
Appearance (T104945)	white powder	White powder
Crystal form(Rutile)	pass	Pass
ICP:Confirms Titanium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
surface properties,Lipophilic	Conforms	Conforms



John Su
QA & QC Manager