

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-03 14:09:03

Date of Next Testing: 2028-12-02 14:09:03

Product Name: **Titanium oxide, rutile**

CAS Number: 13463-67-7

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

Lot #: L2402018

SKU #: **T104945**

Version: **0**

Analysis #: **075354**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Total Metallic Impuritie	0-2000 (ppm)	814.00000 ppm
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.91860 %
Particle size	80-120 (nm)	96.46800 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