

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-24 14:20:34

Date of Next Testing: 2029-09-23 14:20:34

Product Name: **Titanium oxide, rutile**

CAS Number: 13463-67-7

Specifications & Purity: $\geq 99.8\%$ metals basis, nanopowder, 25 nm particle size, hydrophilic

Lot #: I2522521

SKU #: **T104942**

Version: **0**

Analysis #: **533182**

Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.95240 %
Total Metallic Impuritie	0-2000 (ppm)	476.00000 ppm
Particle size	15-35 (nm)	27.09000 nm
Appearance (T104942)	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