

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-07-01 14:47:08
Date of Next Testing: 2030-06-30 14:47:08
Product Name: **Titanium oxide, rutile**
CAS Number: 13463-67-7
Specifications & Purity: $\geq 99.8\%$ metals basis, nanopowder, <100 nm particle size, lipophilic
Lot #: F2623440
SKU #: **T104945**
Version: **0**
Analysis #: **705128**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Total Metallic Impuritie	0-2000 (ppm)	29.00000 ppm
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.99710 %
Particle size	80-120 (nm)	102.30000 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