

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-31 08:54:37
 Date of Next Testing: 2029-01-30 08:54:37
 Product Name: **Titanium(IV) oxide**
 CAS Number: 13463-67-7
 Specifications & Purity: $\geq 97\%$, nanopowder, contains 1% Mn as dopant, < 100nm particle size (bET)
 Lot #: A2629015
 SKU #: **T431948**
 Version: **1**
 Analysis #: **390486**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Titanium and Manges)	97-100 (wt%)	97.63000 wt%
particle size(BET)	0-100 (nm)	2.30000 nm
Specific Surface Area	≥ 14 (m ² /g)	27.80000 m ² /g
Appearance(T431948)	White to Beige to Brown and Faint Grey to Grey Powder	White to Beige to Brown and Faint Grey to Grey Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager