

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-16 10:24:53
 Date of Next Testing: 2026-03-15 10:24:53
 Product Name: **Titanium butoxide(TNBT)**
 CAS Number: 5593-70-4
 Specifications & Purity: $\geq 99\%$
 Lot #: I2515312
 SKU #: **T104105**
 Version: **0**
 Analysis #: **550320**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.489-1.493	1.49180
Ti(Gravimetric Analysis After Ignition to 13.6-14.6 (%) Oxide)		14.25000 %
Ignition Residue	23.2-24.5 (%)	23.25000 %
Density (20°C)	0.996-1.007	0.99600
Appearance (T104105)	Colorless to light yellow liquid or viscous liquid	Colorless to light yellow liquid or viscous liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager