

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-23 09:41:09

Date of Next Testing: 2025-04-21 09:41:09

Product Name: **Titanium butoxide(TNBT)**

CAS Number: 5593-70-4

Specifications & Purity: $\geq 99\%$

Lot #: J2417695

SKU #: **T104105**

Version: **0**

Analysis #: **417842**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Ignition Residue	23.2-24.5 (%)	23.26000 %
Refractive index n _{20/D}	1.489-1.493	1.49300
Ti(Gravimetric Analysis After Ignition to 13.6-14.6 (%) Oxide)		13.65000 %
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