

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-07 17:36:14

Date of Next Testing: 2026-07-06 17:36:14

Product Name: **Triisopropoxyvanadium(V) Oxide (VTIP)**

CAS Number: 5588-84-1

Specifications & Purity: $\geq 97\%$ (T)

Lot #: G2205435

SKU #: **T162313**

Version: **0**

Analysis #: **100946**

Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.478-1.482	1.47900
Purity(Chelometric Titration)	96.5-103.5 (%)	99.00000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (T162313)	Colorless to Yellow-Green to Gold or Orange Liquid	Colorless to Yellow-Green to Gold or Orange Liquid



John Su
QA & QC Manager