

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-30 16:05:20  
Date of Next Testing: 2030-04-29 16:05:20  
Product Name: **Triisopropoxyvanadium(V) Oxide (VTIP)**  
CAS Number: 5588-84-1  
Specifications & Purity:  $\geq 97\%$ (T)  
Lot #: D2621422  
SKU #: **T162313**  
Version: **0**  
Analysis #: **676559**  
Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Chelometric Titration)	96.5-103.5 (%)	99.90000 %
Refractive index n <sub>20</sub> /D	1.478-1.482	1.48000
Appearance (T162313)	Colorless to Yellow-Green to Gold or Orange Liquid	Colorless to Yellow-Green to Gold or Orange Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager