

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-19 13:55:28

Date of Next Testing: 2028-11-18 13:55:28

Product Name: (3,3'-Difluoro-[2,2'-bithiophene]-5,5'-diyl)bis(trimethylstannane)

CAS Number: 1619967-09-7

Specifications & Purity: $\geq 98\%$

Lot #: B23091262

SKU #: D404254

Version: 1

Analysis #: 606562

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.51000 %
Appearance(D404254)	White to Orange to Green powder to crystal	White to Orange to Green powder to crystal
Fluorine NMR Spectrum	Conforms to structure	Conforms to Structure
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager