

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-06 14:49:40

Date of Next Testing: 2027-06-05 14:49:40

Product Name: **4,7-Bis(5-trimethylstannyl-2-thienyl)-2,1,3-benzothiadiazole**

CAS Number: 1025451-57-3

Specifications & Purity: 95%

Lot #: E2330144

SKU #: **B153031**

Analysis: **083534**

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	98.13700 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(B153031)	Light yellow to orange to Amber to Dark green powder to crystal	Light yellow to orange to Amber to Dark green powder to crystal

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager