

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-16 17:10:47
 Date of Next Testing: 2027-06-15 17:10:47
 Product Name: 4,8-Bis(n-octyloxy)-2,6-bis(trimethylstannyl)benzo[1,2-b:4,5-b']dithiophene
 CAS Number: 1098102-95-4
 Specifications & Purity: ≥95%
 Lot #: F2309170
 SKU #: B152916
 Version: 2
 Analysis #: 213392
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	46.29-52.21 (%)	48.59600 %
Hydrogen by Elemental Analysis	6.51-7.33 (%)	6.74000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(B152916)	White to Amber to Dark green powder to crystal	White to Amber to Dark green powder to crystal
ICP:Confirms Tin Component	Confirmed	Confirmed



John Su
QA & QC Manager