

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-01 15:12:49
 Date of Next Testing: 2027-02-28 15:12:49
 Product Name: 4,8-Bis[5-(2-ethylhexyl)thiophen-2-yl]-2,6-bis(trimethylstannyl)benzo[1,2-b:4,5-b']dithiophene
 CAS Number: 1352642-37-5
 Specifications & Purity: ≥98%(HPLC)
 Lot #: B2321971
 SKU #: B489089
 Version: 2
 Analysis #: 162216
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	>98 (%)	98.29300 %
Appearance(B489089)	Light orange to Yellow to Green powder to crystal	light orange to yellow to green powder to crystals
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
ICP:Confirms Sn Component	Confirmed	Confirmed



John Su
QA & QC Manager