

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-09 15:54:45
 Date of Next Testing: 2026-08-08 15:54:45
 Product Name: 5'-Hexyl-2,2'-bithiophene-5-boronic acid pinacol ester
 CAS Number: 579503-59-6
 Specifications & Purity: ≥97%
 Lot #: H2303907
 SKU #: H171077
 Version: 1
 Analysis #: 252240
 Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	99.80600 %
Appearance(H171077)	Blue to dark blue to blue-green to green to very dark green Powder to Crystals to Crystalline Powder to Crystalline Solid to Solid	Blue to dark blue to blue-green to green to very dark green Powder to Crystals to Crystalline Powder to Crystalline Solid to Solid
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager