

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-01-06 09:06:28
Date of Next Testing:	2027-01-05 09:06:28
Product Name:	4,7-Bis(5-bromo-4-dodecyl-2-thienyl)-2,1,3-benzothiadiazole
CAS Number:	1179993-72-6
Specifications & Purity:	≥98%
Lot #:	L2216587
SKU #	B152469
Version	2
Analysis #:	131629
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	56.22-58.54 (%)	57.54000 %
Nitrogen by Elemental Analysis	3.45-3.59 (%)	3.59000 %
Appearance(B152469)	Orange to Red powder to crystal	Orange to Red powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager