

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-04-11 13:31:53
Date of Next Testing:	2027-04-10 13:31:53
Product Name:	4,7-Bis(5-bromo-4-dodecyl-2-thienyl)-2,1,3-benzothiadiazole
CAS Number:	1179993-72-6
Specifications & Purity:	≥98%
Lot #:	C2331094
SKU #	B152469
Version	2
Analysis #:	150995
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	56.22-58.54 (%)	57.54800 %
Nitrogen by Elemental Analysis	3.45-3.59 (%)	3.50900 %
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