

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-11 19:07:34
 Date of Next Testing: 2027-04-10 19:07:34
 Product Name: **4,7-Bis(5-bromo-4-n-octyl-2-thienyl)-2,1,3-benzothiadiazole**
 CAS Number: 457931-23-6
 Specifications & Purity: $\geq 97\%$
 Lot #: C2331093
 SKU #: **B152468**
 Version: **2**
 Analysis #: **158763**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Elemental analysis(Nitrogen)	3.9-4.4 (%)	4.15800 %
Carbon by Elemental Analysis	50.89-55.37 (%)	52.68000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(B152468)	Light yellow to Amber to Dark green powder to crystal	Light yellow to Amber to Dark green powder to crystal



John Su
QA & QC Manager