

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-29 10:47:53

Date of Next Testing: 2025-11-18 10:47:53

Product Name: **2,5-Dibromothieno[3,2-b]thiophene**

CAS Number: 25121-87-3

Specifications & Purity: $\geq 98\%$

Lot #: K2322116

SKU #: **D119994**

Version: **0**

Analysis #: **242197**

Storage Temperature: Protected from light, Store at -20°C , Argon charged

Parameter	Limit Values	Result
Melting point	128-132 ($^{\circ}\text{C}$)	129.95000 $^{\circ}\text{C}$
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	100.86000 %
Purity(GC)	98-100 (%)	98.73900 %
Appearance (D119994)	White to Light pink to Yellow to Brown to Grey Powder, Crystals	White to Light pink to Yellow to Brown to Grey Powder, Crystals
¹³ C NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager