

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-30 18:23:37

Date of Next Testing: 2027-06-29 18:23:37

Product Name: **2-Bromo-3-decylthiophene**

CAS Number: 144012-09-9

Specifications & Purity: >97.0%(GC)

Lot #: F2325352

SKU #: **B153083**

Analysis: **224333**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	98.30 %
Appearance (B153083)	Colorless to Light orange to Yellow clear liquid	Colorless to Light orange to Yellow clear liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure
GC-MS for identification	Conforms	Conforms

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager