

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-15 10:49:55

Date of Next Testing: 2026-12-14 10:49:55

Product Name: **2,5-Dibromo-3-decylthiophene**

CAS Number: 158956-23-1

Specifications & Purity: $\geq 97\%$ (GC)

Lot #: L2205082

SKU #: **D155671**

Version: **0**

Analysis #: **142939**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	97.20000 %
Refractive index n ₂₀ /D	1.535-1.539	1.53600
Appearance (D155671)	light yellow to orange liquid	light yellow to orange to Brown to Dark Brown liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager