

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-16 09:12:38

Date of Next Testing: 2026-06-15 09:12:38

Product Name: **2-Dodecylthiophene**

CAS Number: 4861-61-4

Specifications & Purity: $\geq 97\%$

Lot #: F2210340

SKU #: **D155817**

Version: **0**

Analysis #: **101479**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.29900 %
Refractive index n ₂₀ /D	1.485-1.489	1.48810
Density (20°C)	0.906-0.91	0.90800
Appearance (D155817)	Colorless to light yellow liquid	Colorless to light yellow 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