

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-09 17:16:18

Date of Next Testing: 2023-12-30 17:16:18

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

CAS Number: 148256-63-7

Specifications & Purity: $\geq 97\%$

Lot #: A2207080

SKU #: **D101021**

Version: **1**

Analysis #: **110810**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.316-1.32	1.31650
Purity(GC)	97-100 (%)	98.63000 %
Refractive index n _{20/D}	1.528-1.532	1.53000
Appearance (D101021)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager