

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-02-04 10:27:23

Date of Next Testing: 2028-01-25 10:27:23

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

CAS Number: 148256-63-7

Specifications & Purity: $\geq 97\%$

Lot #: K1206055

SKU #: **D101021**

Version: **1**

Analysis #: **648783**

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

Parameter	Limit Values	Result
Density (20°C)	1.316-1.32	1.31800
Purity(GC)	97-100 (%)	98.17000 %
Refractive index n _{20/D}	1.528-1.532	1.53010
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