

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-04 17:39:58
 Date of Next Testing: 2027-07-03 17:39:58
 Product Name: **3-Dodecylthiophene**
 CAS Number: 104934-52-3
 Specifications & Purity: $\geq 98\%$
 Lot #: F2327944
 SKU #: **D101024**
 Version: **0**
 Analysis #: **175967**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.37000 %
Density (20°C)	0.906-0.909	0.90800
Refractive index n ₂₀ /D	1.487-1.49	1.48800
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (D101024)	Colorless to Yellow Liquid	Colorless to Yellow Liquid



John Su
QA & QC Manager