

Certificate of Analysis

Date of Testing: 2023-11-16 16:16:10

Date of Next Testing: 2027-11-15 16:16:10

Product Name: **3,4'-Dihexyl-2,2'-bithiophene**

CAS Number: 135926-93-1

Specifications & Purity: 93%

Lot #: K2309411

SKU #: **D123366**

Analysis: **288209**

Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.008-1.012	1.01
Refractive index n _{20/D}	1.551-1.555	1.55
Purity(GC)	93-100 (%)	94.66 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (D123366)	Colorless to White to Amber to Dark green clear liquid	Colorless to White to Amber to Dark green clear liquid



John Su
QA & QC Manager