

## Certificate of Analysis

Date of Testing: 2023-07-26 11:45:14  
Date of Next Testing: 2027-07-25 11:45:14  
Product Name: **4'-Hexyl-4-biphenylcarbonitrile**  
CAS Number: 41122-70-7  
Specifications & Purity: 98%  
Lot #: G2320143  
SKU #: **H115531**  
**Analysis: 075474**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	84.5-88.8 (%)	86.60%
Purity(GC)	98-100 (%)	98.91%
Nitrogen by Elemental Analysis	5.1-5.5 (%)	5.40%
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (H115531)	Colorless Liquid to White Solid	Colorless Liquid to White Solid



John Su  
QA & QC Manager