

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-02-28 19:21:33  
 Date of Next Testing: 2030-02-27 19:21:33  
 Product Name: **4'-Hexyl-4-biphenylcarbonitrile**  
 CAS Number: 41122-70-7  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: B2626111  
 SKU #: **H115531**  
 Version: **0**  
 Analysis #: **663500**  
 Storage Temperature: Room temperature

| Parameter                      | Limit Values                    | Result                          |
|--------------------------------|---------------------------------|---------------------------------|
| Carbon by Elemental Analysis   | 84.5-88.8 (%)                   | 86.60000 %                      |
| Purity(GC)                     | 98-100 (%)                      | 98.91000 %                      |
| Nitrogen by Elemental Analysis | 5.1-5.5 (%)                     | 5.40000 %                       |
| Appearance (H115531)           | Colorless Liquid to White Solid | Colorless Liquid to White Solid |
| Infrared spectrum              | Conforms to Structure           | Conforms to Structure           |
| Proton NMR spectrum            | Conforms to Structure           | Conforms to Structure           |



John Su  
QA & QC Manager