

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-24 13:15:11  
Date of Next Testing: 2029-07-23 13:15:11  
Product Name: **4'-Pentyl-4-biphenylcarbonitrile (5CB)**  
CAS Number: 40817-08-1  
Specifications & Purity:  $\geq 98\%$   
Lot #: G2517611  
SKU #: **P115530**  
Version: **0**  
Analysis #: **537214**

Parameter	Limit Values	Result
Density (20°C)	1.027-1.029	1.03
Purity(HPLC)	98-100 (%)	100.00000 %
Refractive index n <sub>20</sub> /D	1.531-1.534	1.53
Appearance (P115530)	Colorless or White Liquid or Solid	Colorless or White Liquid or Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager