

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-01-25 09:30:25  
Date of Next Testing: 2026-01-24 09:30:25  
Product Name: **4'-Pentyl-4-biphenylcarbonitrile**  
CAS Number: 40817-08-1  
Specifications & Purity: 98%  
Lot #: C1820168  
SKU #: **P115530**  
Analysis: **069925**

Parameter	Limit Values	Result
Density (20°C)	1.027-1.029	1.03
Purity(HPLC)	98-100 (%)	98.34200 %
Refractive index n <sub>20/D</sub>	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

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager