

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-06 09:30:24  
Date of Next Testing: 2027-05-05 09:30:24  
Product Name: **4-n-Butyl-4'-cyanobiphenyl**  
CAS Number: 52709-83-8  
Specifications & Purity: 98%  
Lot #: D2321383  
SKU #: **N115529**  
**Analysis: 219575**

Parameter	Limit Values	Result
Melting point	49-51 (°C)	49.60000 °C
Purity(HPLC)	98-100 (%)	98.01500 %
Appearance (n115529)	White to Off White Crystalline Chips or Solid	White to Off White Crystalline Chips or Solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager