

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-09 13:48:56

Date of Next Testing: 2027-05-08 13:48:56

Product Name: **9,9'-Diphenyl-9H,9'H-3,3'-bicarbazole**

CAS Number: 57102-62-2

Specifications & Purity: >98.0%(HPLC)

Lot #: K2316085

SKU # **D154435**

Analysis: **220106**

Parameter	Limit Values	Result
Melting point	204-208 (°C)	206.20000 °C
Purity(HPLC)	98-100 (%)	98.09900 %
Appearance (D154435)	white to light yellow solid	white to light yellow 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