

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-12 15:18:06

Date of Next Testing: 2026-12-11 15:18:06

Product Name: **3,3'-Di(9H-carbazol-9-yl)-1,1'-biphenyl**

CAS Number: 342638-54-4

Specifications & Purity: $\geq 98\%$

Lot #: L2205536

SKU #: **D154448**

Version: **1**

Analysis #: **120910**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	98.75000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager