

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-13 18:09:26

Date of Next Testing: 2026-03-12 18:09:26

Product Name: **9-([1,1'-Biphenyl]-3-yl)-3-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-carbazole**

CAS Number: 1533406-38-0

Specifications & Purity: >98.0%

Lot #: E2327594

SKU #: **B151997**

Analysis: **198352**

Parameter	Limit Values	Result
Melting point	237-241 (°C)	238.60000 °C
Purity(HPLC)	98-100 (%)	98.11200 %
Appearance (B151997)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager