

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-23 12:40:54

Date of Next Testing: 2026-12-22 12:40:54

Product Name: **2,7-Dibromo-9-(9-heptadecyl)carbazole**

CAS Number: 955964-73-5

Specifications & Purity: >98.0%(HPLC)

Lot #: L2212340

SKU #: **D154461**

Analysis: **171449**

Parameter	Limit Values	Result
Melting point	70-74 (°C)	71.62000 °C
Purity(HPLC)	98-100 (%)	99.62100 %
Appearance (D154461)	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