

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-28 16:26:20

Date of Next Testing: 2027-03-27 16:26:20

Product Name: **9,9'-(5-Bromo-1,3-phenylene)bis(9H-carbazole)**

CAS Number: 750573-24-1

Specifications & Purity: $\geq 98\%$

Lot #: C2315978

SKU #: **B151976**

Version: **2**

Analysis #: **012767**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.04500 %
Melting point	224-228 (°C)	227.97000 °C
Appearance (B151976)	White to Almost white powder to crystal	White to Almost white powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager