

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-29 14:19:50

Date of Next Testing: 2027-03-28 14:19:50

Product Name: **3-Bromo-9-ethylcarbazole**

CAS Number: 57102-97-3

Specifications & Purity: >98.0%(HPLC)

Lot #: C2324379

SKU #: **B152150**

Analysis: **178748**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.36900 %
Melting point	82-86(°C)	85.60000 °C
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Appearance(B152150)	White to Almost white powder to crystal	White to Almost white powder to crystal

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

John Su
QA & QC Manager