

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-09 10:43:53

Date of Next Testing: 2029-01-08 10:43:53

Product Name: **2,7-Dibromo-9-heptyl-9H-carbazole**

CAS Number: 1173071-58-3

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: C23101343

SKU #: **D404242**

Version: **1**

Analysis #: **636062**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.79000 %
Melting point	72-76 (°C)	73.40000 °C
Appearance(D404242)	White to off- white powder to crystal	White to off- 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