

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-06 15:31:55

Date of Next Testing: 2029-03-05 15:31:55

Product Name: **4-Bromo-9,9'-spirobi[9H-fluorene]**

CAS Number: 1161009-88-6

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

Lot #: H1730027

SKU # **B152109**

Version **0**

Analysis #: **478076**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	157-161 (°C)	159.80000 °C
Purity(HPLC)	98-100 (%)	98.70000 %
Appearance (B152109)	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