

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-17 11:38:52
Date of Next Testing: 2027-07-16 11:38:52
Product Name: **4-Bromo-9,9'-spirobi[9H-fluorene]**
CAS Number: 1161009-88-6
Specifications & Purity: >98.0%(HPLC)
Lot #: G2311537
SKU #: **B152109**
Analysis: **214886**
Storage Temperature: Room temperature

| Parameter | Limit Values | Result |
|----------------------|---|---|
| Melting point | 157-161 (°C) | 157.40000 °C |
| Purity(HPLC) | 98-100 (%) | 99.59000 % |
| 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 |



John Su
QA & QC Manager