

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-25 16:32:23
Date of Next Testing: 2026-01-24 16:32:23
Product Name: **9,9'-Spirobifluorene**
CAS Number: 159-66-0
Specifications & Purity: 98%
Lot #: C1815201
SKU #: **S102675**
Analysis: **070268**

| Parameter | Limit Values | Result |
|------------------------------|---------------------------------|---------------------------------|
| Purity(HPLC) | 98-100 (%) | 99.88900 % |
| Melting point | 200-204 (°C) | 202.60000 °C |
| Carbon by Elemental Analysis | 91.5-98.3 (%) | 98.10 % |
| Appearance (S102675) | White to Tan Powder or Crystals | White to Tan Powder or Crystals |
| Proton NMR spectrum | Conforms to structure | Conforms to Structure |



John Su
QA & QC Manager