

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-08 10:24:57

Date of Next Testing: 2027-05-07 10:24:57

Product Name: **2-Bromo-9,9-dimethylfluorene**

CAS Number: 28320-31-2

Specifications & Purity:  $\geq 98\%$

Lot #: H1901115

SKU #: **B123378**

Version: **0**

Analysis #: **218825**

Storage Temperature: Room temperature

| Parameter                               | Limit Values                                       | Result                                             |
|-----------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Melting point                           | 67-71 (°C)                                         | 68.86000 °C                                        |
| Purity(GC)                              | 98-100 (%)                                         | 98.91100 %                                         |
| Purity(Titration by AgNO <sub>3</sub> ) | 97.5-102.5 (%)                                     | 98.12000 %                                         |
| Appearance (B123378)                    | White to Yellow to Brown Powder, Crystals or Solid | White to Yellow to Brown Powder, Crystals or Solid |
| Proton NMR spectrum                     | Conforms to Structure                              | Conforms to Structure                              |



John Su  
QA & QC Manager