

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-20 13:45:49

Date of Next Testing: 2028-05-19 13:45:49

Product Name: **4,4'-Difluoro-2,2'-bipyridine**

CAS Number: 1189458-67-0

Specifications & Purity: 97%

Lot #: E2410127

SKU #: **D665049**

Version: **1**

Analysis #: **331113**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                | Limit Values          | Result                |
|--------------------------|-----------------------|-----------------------|
| Purity(HPLC area)        | 97-100 (%)            | 97.00 %               |
| Proton NMR spectrum      | Conforms to Structure | Conforms to Structure |
| LC-MS for identification | Conforms              | Conforms              |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager