

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-11-11 14:50:28

Date of Next Testing: 2028-11-10 14:50:28

Product Name: **Fmoc-D-aspartic acid alpha-9-fluorenylmethyl ester**

CAS Number: 214852-35-4

Specifications & Purity:  $\geq 98\%$

Lot #: B2313595

SKU #: **F338604**

Version: **1**

Analysis #: **599530**

Storage Temperature: Store at -20°C

| Parameter                                               | Limit Values               | Result                |
|---------------------------------------------------------|----------------------------|-----------------------|
| Purity(HPLC area)                                       | 98-100 (%)                 | 98.34 %               |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$ | 29.76-33.76 ( $^{\circ}$ ) | 31.65 $^{\circ}$      |
| NMR Spectrum 1H                                         | Conforms to Structure      | Conforms to Structure |
| LC-MS for identification                                | Conforms                   | Conforms              |



John Su  
QA & QC Manager