

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-02 10:50:05  
 Date of Next Testing: 2026-07-23 10:50:05  
 Product Name: **Fmoc-Asp(OAll)-OH**  
 CAS Number: 146982-24-3  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: G2430052  
 SKU #: **A107817**  
 Version: **1**  
 Analysis #: **146475**  
 Storage Temperature: Store at 2-8°C

| Parameter                                               | Limit Values          | Result                |
|---------------------------------------------------------|-----------------------|-----------------------|
| Melting point                                           | 111-115 (°C)          | 114.29000 °C          |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$ | -29--24 (°)           | -24.93300 °           |
| Purity(HPLC)                                            | 98-100 (%)            | 98.83500 %            |
| Appearance (A107817)                                    | White powder          | White powder          |
| NMR Spectrum 1H                                         | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager