

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-02 16:04:19  
 Date of Next Testing: 2030-06-01 16:04:19  
 Product Name: **Fmoc-Asp(OtBu)-OH**  
 CAS Number: 71989-14-5  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: E2628483  
 SKU #: **F116773**  
 Version: **1**  
 Analysis #: **706353**  
 Storage Temperature: Store at 2-8°C

| Parameter                                               | Limit Values              | Result                    |
|---------------------------------------------------------|---------------------------|---------------------------|
| Melting point                                           | 147-152 (°C)              | 151.30000 °C              |
| Water by Karl Fischer                                   | 0-0.1 (%)                 | 0.06000 %                 |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$ | -25--21 (°)               | -22.97400 °               |
| Loss on drying                                          | 0-0.1 (%)                 | 0.05000 %                 |
| Purity(HPLC)                                            | 98-100 (%)                | 100.00000 %               |
| Appearance (F116773)                                    | White to Off-White Powder | White to Off-White Powder |
| Proton NMR spectrum                                     | Conforms to structure     | Conforms to Structure     |



John Su  
QA & QC Manager