

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-06 15:42:34  
 Date of Next Testing: 2027-06-06 15:42:34  
 Product Name: **Fmoc-L-His(Boc)-OH**  
 CAS Number: 81379-52-4  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: E2431121  
 SKU #: **F339404**  
 Version: **1**  
 Analysis #: **322954**  
 Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

| Parameter                                               | Limit Values                            | Result                                  |
|---------------------------------------------------------|-----------------------------------------|-----------------------------------------|
| Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in DMF})$ | $-10 \sim -8^{\circ}$                   | $-8.45800^{\circ}$                      |
| Purity(HPLC area)                                       | 98-100 (%)                              | 99.54600 %                              |
| Appearance(F339404)                                     | White to Light yellow powder to crystal | White to Light yellow powder to crystal |
| NMR Spectrum $^1\text{H}$                               | Conforms to structure                   | Conforms to Structure                   |
| LC-MS for identification                                | Conforms                                | Conforms                                |



John Su  
QA & QC Manager