

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-10 10:38:23  
 Date of Next Testing: 2026-08-09 10:38:23  
 Product Name: **Fmoc-His(Fmoc)-OH**  
 CAS Number: 98929-98-7  
 Specifications & Purity:  $\geq 96\%$   
 Lot #: J1819084  
 SKU #: **F116782**  
 Version: **0**  
 Analysis #: **123317**  
 Storage Temperature: Room temperature

| Parameter                                               | Limit Values                                 | Result                                       |
|---------------------------------------------------------|----------------------------------------------|----------------------------------------------|
| Purity(HPLC)                                            | 96-100 (%)                                   | 96.38000 %                                   |
| Specific Rotation $[\alpha]_{20/D(c=1 \text{ in DMF})}$ | -6.5--4.5 ( $^{\circ}$ )                     | -5.63000 $^{\circ}$                          |
| Appearance (F116782)                                    | White to Off-White Powder or Solid or Chunks | White to Off-White Powder or Solid or Chunks |
| Infrared spectrum                                       | Conforms to Structure                        | Conforms to Structure                        |
| Proton NMR spectrum                                     | Conforms to Structure                        | Conforms to Structure                        |



John Su  
QA & QC Manager