

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-02 08:32:44  
 Date of Next Testing: 2029-08-01 08:32:44  
 Product Name: **Fmoc-D-Phe-OH**  
 CAS Number: 86123-10-6  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: G2531525  
 SKU #: **F105835**  
 Version: **0**  
 Analysis #: **317214**  
 Storage Temperature: Store at -20°C, Argon charged

| Parameter                                          | Limit Values          | Result                |
|----------------------------------------------------|-----------------------|-----------------------|
| Melting point                                      | 182-187 (°C)          | 185.36000 °C          |
| Specific Rotation [α] <sub>20</sub> /D(c=1 in DMF) | 36-40 (°)             | 39.22000 °            |
| Purity(HPLC)                                       | 98-100 (%)            | 99.87000 %            |
| Appearance (F105835)                               | white powder          | White powder          |
| Proton NMR spectrum                                | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager