

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-02-16 15:55:05  
Date of Next Testing: 2026-02-15 15:55:05  
Product Name: **Fmoc-D-Phe-OH**  
CAS Number: 86123-10-6  
Specifications & Purity: 98%  
Lot #: C1823059  
SKU #: **F105835**  
**Analysis: 074228**  
Storage Temperature: Store at -20°C, Argon charged

| Parameter  | Limit Values          | Result                |
|--|-----------------------|-----------------------|
| Melting point                                      | 182-187 (°C)          | 185.58100 °C          |
| Specific Rotation [α] <sub>20</sub> /D(c=1 in DMF) | 36-40 (°)             | 39.76°                |
| Purity(HPLC)                                       | 98-100 (%)            | 98.10231 %            |
| Appearance (F105835)                               | white powder          | White powder          |
| Proton NMR spectrum                                | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager