

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-28 16:05:30

Date of Next Testing: 2028-04-27 16:05:30

Product Name: **Fmoc-D-Ile-OH**

CAS Number: 143688-83-9

Specifications & Purity: 98%

Lot #: D2419266

SKU #: **F116783****Analysis:** **342684**

Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|--|---------------------------|---------------------------|
| Purity(HPLC) | 98-100 (%) | 99.93900 % |
| Melting point | 140-155 (°C) | 149.39000 °C |
| Specific Rotation [α] ₂₀ /D(c=1 in DMF) | 8-15 (°) | 12.66° |
| Appearance (F116783) | White to Off-White Powder | White to Off-White Powder |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |

John Su
QA & QC Manager