

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-13 09:33:14

Date of Next Testing: 2027-03-13 09:33:14

Product Name: **Boc-Phe(3-F)-OH**

CAS Number: 114873-01-7

Specifications & Purity:  $\geq 98\%$

Lot #: E2327871

SKU #: **B132353**

Version: **0**

Analysis #: **480492**

Storage Temperature: Room temperature

| Parameter                                                | Limit Values                 | Result                      |
|----------------------------------------------------------|------------------------------|-----------------------------|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$ | 6-8 ( $^{\circ}$ )           | 7.84100 $^{\circ}$          |
| Purity(HPLC)                                             | 98-100 (%)                   | 98.49200 %                  |
| Melting point                                            | 80-84 ( $^{\circ}\text{C}$ ) | 80.01800 $^{\circ}\text{C}$ |
| Purity(Neutralization titration)                         | 97.5-102.5 (%)               | 100.88600 %                 |
| Appearance (B132353)                                     | White to Off-White Powder    | White to Off-White Powder   |
| Proton NMR spectrum                                      | Conforms to Structure        | Conforms to Structure       |



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QA & QC Manager