

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 #: E2327876

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



John Su
QA & QC Manager