

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-17 10:35:40

Date of Next Testing: 2027-03-16 10:35:40

Product Name: **Boc-Phe(2-Cl)-OH**

CAS Number: 114873-02-8

Specifications & Purity:  $\geq 98\%$

Lot #: C2308434

SKU #: **B101686**

Version: **0**

Analysis #: **200163**

Storage Temperature: Room temperature

| Parameter                                                         | Limit Values          | Result                |
|-------------------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                                      | 98-100 (%)            | 99.05600 %            |
| Specific Rotation $[\alpha]_{20/D(c=1 \text{ in Ethyl Acetate})}$ | -25.5--23.5 (°)       | -23.62000 °           |
| Melting point                                                     | 94-100 (°C)           | 97.80000 °C           |
| Proton NMR spectrum                                               | Conforms to Structure | Conforms to Structure |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager