

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-07 13:54:34

Date of Next Testing: 2027-02-06 13:54:34

Product Name: **Boc-L-phenylalanine**

CAS Number: 13734-34-4

Specifications & Purity:  $\geq 98\%$ 

Lot #: B2302688

SKU #: **B105463**Version: **0**Analysis #: **148562**

Storage Temperature: Store at 2-8°C

| Parameter                                                | Limit Values          | Result                |
|----------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                             | 98.5-100 (%)          | 99.53600 %            |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$ | 23-26 (°)             | 25.53200 °            |
| Melting point                                            | 85-90 (°C)            | 89.33000 °C           |
| Appearance (B105463)                                     | white powder          | White powder          |
| TLC Analysis                                             | One spot              | One spot              |
| 300 MHz NMR Spectrum 1H                                  | Conforms to Structure | Conforms to Structure |

John Su  
QA & QC Manager