

## Certificate of Analysis

Date of Testing: 2023-06-30 13:18:34

Date of Next Testing: 2026-06-29 13:18:34

Product Name: **Boc-beta-t-butyl-l-alanine**

CAS Number: 79777-82-5

Specifications & Purity:  $\geq 98\%$

Lot #: F2314878

SKU #: **B186673**

Version: **1**

Analysis #: **225828**

Storage Temperature: Room temperature

| Parameter                                                | Limit Values          | Result                |
|----------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC area)                                        | 98-100 (%)            | 99.81 %               |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$ | -16~-12 (°)           | -14.71 °              |
| Appearance(B186673)                                      | White solid           | White Solid           |
| NMR Spectrum 1H                                          | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager