

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-23 10:24:03

Date of Next Testing: 2028-04-22 10:24:03

Product Name: **Boc-L-alanine**

CAS Number: 15761-38-3

Specifications & Purity:  $\geq 98\%$ 

Lot #: D2403015

SKU #: **B109000**

Version: **0**

Analysis #: **048667**

Storage Temperature: Store at 2-8°C

| Parameter                                                | Limit Values                                  | Result                                        |
|----------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Specific Rotation $[\alpha]_{20/D(c=1 \text{ in AcOH})}$ | -27--23 (°)                                   | -25.70600 °                                   |
| Melting point                                            | 81-85 (°C)                                    | 82.88000 °C                                   |
| Purity(HPLC)                                             | 98-100 (%)                                    | 99.79900 %                                    |
| Appearance (B109000)                                     | White to Off-White Solid, Powder, or Crystals | White to Off-White Solid, Powder, or Crystals |
| Proton NMR spectrum                                      | Conforms to Structure                         | Conforms to Structure                         |



John Su  
QA & QC Manager