

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-01 14:30:59
Date of Next Testing: 2028-07-31 14:30:59
Product Name: **Boc-L-alanine**
CAS Number: 15761-38-3
Specifications & Purity: $\geq 98\%$
Lot #: G2425119
SKU #: **B109000**
Version: **0**
Analysis #: **343845**
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|--|---|---|
| Specific Rotation $[\alpha]_{20/D(c=1 \text{ in AcOH})}$ | -27--23 (°) | -26.06000 ° |
| Purity(HPLC) | 98-100 (%) | 98.00000 % |
| Melting point | 81-85 (°C) | 83.80000 °C |
| 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