

## Certificate of Analysis

Date of Testing: 2024-04-23 10:24:37  
Date of Next Testing: 2028-04-22 10:24:37  
Product Name: **Boc-L-alanine**  
CAS Number: 15761-38-3  
Specifications & Purity: 98%  
Lot #: D2403016  
SKU #: **B109000**  
**Analysis:** **048667**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] <sub>D</sub> <sup>20</sup> (c=1 in AcOH)	-27--23 (°)	-25.71°
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