

## Certificate of Analysis

Date of Testing: 2025-08-12 18:57:44  
Date of Next Testing: 2029-08-11 18:57:44  
Product Name: **Boc-D-Ala-OH**  
CAS Number: 7764-95-6  
Specifications & Purity:  $\geq 98\%$   
Lot #: H2504024  
SKU #: **B101451**  
Version: **1**  
Analysis #: **558377**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	78-85 (°C)	83.28000 °C
Specific Rotation [a] <sub>D</sub> (c=2 in AcOH)	25-27 (°)	26.30°
Purity(HPLC)	98-100 (%)	99.79100 %
Appearance (B101451)	White powder	White powder
TLC Analysis	One spot	One spot
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager