

## Certificate of Analysis

Date of Testing: 2023-04-14 18:59:47  
Date of Next Testing: 2027-04-13 18:59:47  
Product Name: **Boc-Cys-OH**  
CAS Number: 20887-95-0  
Specifications & Purity:  $\geq 95\%$   
Lot #: D2311379  
SKU #: **B140877**  
**Analysis: 187563**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$	6.5-9.5 ( $^{\circ}$ )	8.72 $^{\circ}$
Purity(HPLC area)	95-100 (%)	95.51%
Appearance (b140877)	White Crystals, Powder or Granules	White Crystals, Powder or Granules
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager