

## Certificate of Analysis

Date of Testing: 2023-07-17 16:52:05  
Date of Next Testing: 2025-07-16 16:52:05  
Product Name: **Boc-Cys-OH**  
CAS Number: 20887-95-0  
Specifications & Purity: for chiral derivatization, ≥98.5%  
Lot #: G2311628  
SKU #: **B132555**  
Analysis: **246904**

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=1 in EtOH)	6.5-9.5 (°)	8.88°
Purity(HPLC area)	98.5-100 (%)	99.87%
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Chiral Derivatization Test	Pass	Pass



John Su  
QA & QC Manager