

## Certificate of Analysis

Date of Testing: 2023-04-26 16:49:57  
Date of Next Testing: 2027-04-25 16:49:57  
Product Name: **N $\epsilon$ -Carbobenzoxy-L-lysine**  
CAS Number: 1155-64-2  
Specifications & Purity: 98%  
Lot #: D23211176  
SKU #: **L105971**  
Analysis: **210349**

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> 20/D(c=1 in 1N HCl)	14.5-16.5 (°)	15.33°
Purity(Nonaqueous Titration)	97.5-102.5 (%)	100.05 %
Appearance (L105971)	white powder or solid	white powder or solid
Clarity of solution, 0.3g in 2mL TFA	Clear solution	Clear solution
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager