

## Certificate of Analysis

Date of Testing: 2022-02-26 09:06:12  
Date of Next Testing: 2026-02-25 09:06:12  
Product Name: **Nalpha-Carbobenzyloxy-L-arginine**  
CAS Number: 1234-35-1  
Specifications & Purity:  $\geq 98.5\%$   
Lot #: B2225243  
SKU #: **C113128**  
Version: **0**  
Analysis #: **063156**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c = 5.5 \text{ in } 0.2 \text{ mol/L HCl})$	-11--9 (°)	-9.84°
Purity(HPLC)	98.5-100 (%)	98.77100 %
Melting point	183-185 (°C)	184.62000 °C
Appearance (C113128)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager