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Certificate of Analysis

Catalog Number	03798
Product Name	Boc-D-HoCit-OH Boc-D-homocitrulline Boc-N-ε-carbamoyl-D-lysine
Lot Number	1660010830
CAS Registry Number	121080-97-5
Molecular Formula	C ₁₂ H ₂₃ N ₃ O ₅
Molecular Weight	289.30
Appearance	White powder
Solubility	Clear solution in DMF
Melting Point	139-143 °C
Optical Rotation	α _D ²⁵ = +13 ± 1 ° (1.0% in DMF)
Purity (HPLC)	99%
HPLC Conditions	
Mobile Phase	Buffer A 0.1% TFA/99.9% H ₂ O Buffer B 0.1% TFA/4.9% H ₂ O/95% CH ₃ CN
Gradient	10-60% Buffer B in 20 min
λ	210 nm
Column	150X4.6mm, 5 μm, C ₁₈ Column
Flow Rate	1.2 ml/min
Storage	Store at 0-5°C.
Remarks	See Material Safety Data Sheets for additional information. For Laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Quality Control Manager