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Certificate of Analysis

Catalogue Number	03800
Lot Number	000424-221107-31110
Product	<i>N</i>^α-Boc-<i>N</i>^ε-Z-L-lysine <i>N</i>-hydroxysuccinimide Boc-L-Lys(Z)-OSu
CAS Number	34404-36-9
Molecular Formula	C ₂₃ H ₃₁ N ₃ O ₈
Molecular Weight	477.5

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	99.2 - 109.8 °C
Water Content (Karl Fisher)	0.3%
Optical Rotation	[α] _D ²⁰ = -20.5 ° (C=1 in Dioxane)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.1% (40 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	96.37%
Storage	Store at 0 - 8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

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



Bala Kumar
Quality Control Manager