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Certificate of Analysis

Catalogue Number	06435
Lot Number	000424-131230-13602
Product	<i>N</i>^α-<i>Z</i>-<i>N</i>^ε-Boc-D-lysine <i>N</i>-hydroxysuccinimide ester Z-D-Lys(Boc)-OSu
CAS Number	78603-23-3
Molecular Formula	C ₂₃ H ₃₁ N ₃ O ₈
Molecular Weight	477.4

Appearance	White crystalline powder
Solubility	Clear solution (0.3g in 2mL DMF)
Melting Point	95.5-98.0 °C
Water Content (Karl Fisher)	0.046%
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.56% (45 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.47%
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