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Certificate of Analysis

Catalogue Number	00037
Lot Number	000424-201010-31103
Product	<i>N</i>^α-Boc-<i>N</i>^ε-Fmoc-L-Lysine Boc-L-Lys(Fmoc)-OH
CAS Number	84624-27-1
Molecular Formula	C ₂₆ H ₃₂ N ₂ O ₆
Molecular Weight	468.6

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	135.8 - 136.3 °C
Water Content (Karl Fisher)	0.19%
Optical Rotation	[α] _D ²⁰ = 4.7 ° (C=1 in EtOAc)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.3% (50 °C, 2h)
Chiral HPLC	100% (ee)
D-Enantiomer	Not detectable
Purity by HPLC	98.65%
Storage	Store at RT
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