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Certificate of Analysis

Catalogue Number	02434
Product	<i>N</i>^α-Fmoc-<i>N</i>^ε-Z-D-lysine
Lot Number	000424-170815-36827 Fmoc-D-Lys(Z)-OH
CAS Number	110990-07-3
Molecular Formula	C ₂₉ H ₃₀ N ₂ O ₆
Molecular Weight	502.6

Appearance	White powder
Solubility	Clear solution (0.3 g in 2mL DMF)
Melting Point	114.6 °C
Water Content (Karl Fisher)	0.41%
Optical Rotation	[α] _D ²⁰ = + 11.3 °(C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.10% (50°C,2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.49%
Storage	Store at 0-8 °C

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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