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Certificate of Analysis

Catalogue Number	04134
Lot Number	000424-190404-23069
Product	Fmoc-3,3-diphenyl-D-alanine Fmoc-D-Ala(3,3-diphenyl)-OH
CAS Number	189937-46-0
Molecular Formula	C ₃₀ H ₂₅ NO ₄
Molecular Weight	463.5

Appearance	White to off-white powder
Optical Rotation	[α] _D ²⁰ = 21.91 ° (C = 1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Residual Solvents	Not identified
Related Substances	Not identified
¹H NMR	Conforms to structure
Chiral HPLC	99.7% (ee)
L-Enantiomer	0.3%
Purity by HPLC	99.9%
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