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Certificate of Analysis

Catalogue Number	03994
Lot Number	000424-210212-31006
Product	Boc-D-leucine N-hydroxysuccinimide ester Boc-D-Leu-OSu
CAS Number	60111-76-4
Molecular Formula	C ₁₅ H ₂₄ N ₂ O ₆
Molecular Weight	328.37

Appearance	White powder
Solubility	Clear solution (1 mmol in 2 mL DMF)
Melting Point	111.2 - 112.0 °C
Water Content (Karl Fisher)	0.06%
Optical Rotation	[α] _D ²⁰ = 42.7 ° (C=1 in Dioxane)
Infrared Spectrum	Conforms to structure
Loss on Drying	0.1% (60 °C, 2h)
Residual Solvents	DCM : 3.1% (By NMR)
¹H NMR	Conforms to structure
Purity by HPLC	98.63%
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