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Certificate of Analysis

Catalogue Number	03674
Lot Number	000424-210623-31305
Product	Boc-L-phenylalanine N-hydroxysuccinimide Boc-L-Phe-OSu
CAS Number	3674-06-4
Molecular Formula	C ₁₈ H ₂₂ N ₂ O ₆
Molecular Weight	362.4

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	151.9 - 152.2 °C
Water Content (Karl Fisher)	0.14%
Optical Rotation	[α] _D ²⁰ = -51 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.46% (50 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	100% (ee)
D-Enantiomer	Not detected
Purity by HPLC	99.01%
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