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Certificate of Analysis

Catalogue Number	03783
Product	Boc-L-aspartic acid β-<i>tert</i>-butyl ester α-<i>N</i>-hydroxysuccinimide ester
Lot Number	000424-160220-30421 Boc-L-Asp(OtBu)-OSu
CAS Number	50715-50-9
Molecular Formula	C ₁₇ H ₂₆ N ₂ O ₈
Molecular Weight	386.4

Appearance	White to off-white powder
Solubility	Clear solution (1 mmol in 4 mL DMF)
Melting Point	105.6-106.9 °C
Water Content (Karl Fisher)	0.104%
Optical Rotation	[α] _D ²⁰ = -33° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.79% (50 °C for 2 hours)
¹H NMR	Conforms to structure
Purity by HPLC	98.90%
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