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Certificate of Analysis

Catalogue Number	04023
Product	<i>N</i>^α-Boc-L-trvptophan <i>N</i>-hvdroxvsuccinimide
Lot Number	000424-170107-31707 Boc-L-Trp-OSu
CAS Number	3392-11-8
Molecular Formula	C ₂₀ H ₂₃ N ₃ O ₆
Molecular Weight	401.42

Appearance	White to off-white powder
Solubility	Clear solution (0.3 gram in 2ml DMF)
Melting Point	143.4-144.4 °C
Water Content (Karl Fisher)	0.25%
Optical Rotation	[α] _D ²⁰ = -52.5° (C = 1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.03% (70 °C for 2 hours)
¹H NMR	Conforms to structure
Purity by HPLC	97.05%
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