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Certificate of Analysis

Catalogue Number	03803
Lot Number	000424-190315-31206
Product	Boc-L-methionine N-hydroxysuccinimide ester Boc-L-Met-OSu
CAS Number	3845-64-5
Molecular Formula	C ₁₄ H ₂₂ N ₂ O ₆ S
Molecular Weight	346.4

Appearance	White powder
Solubility	Clear solution (0.1 g in 2mL DMF)
Melting Point	124.9 - 125.3 °C
Water Content (Karl Fisher)	0.08%
Optical Rotation	[α] _D ²⁰ = -23.3 ° (C=2 in Dioxane)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.10% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.78%
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