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Certificate of Analysis

Catalogue Number	08078
Lot Number	000424-170713-36216
Product	Fmoc-N-methyl-L-threonine Fmoc-N-Me-L-Thr-OH
CAS Number	252049-06-2
Molecular Formula	C ₂₀ H ₂₁ NO ₅
Molecular Weight	355.39

Appearance	White powder
Solubility	Clear solution (0.3 gram in 2 mL DMF)
Melting Point	152.5 - 153.0 °C
Water Content (Karl Fisher)	0.425%
Optical Rotation	[α] _D ²⁰ = 2 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.69% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.32%
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