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Certificate of Analysis

Catalogue Number	04143
Lot Number	000424-201120-21163
Product	Fmoc-3-fluoro-D-phenylalanine Fmoc-D-Phe(3-F)-OH
CAS Number	198545-72-1
Molecular Formula	C ₂₄ H ₂₀ FNO ₄
Molecular Weight	405.4

Appearance	White powder
Solubility	Clear solution 0.3 g in 2 mL DMF
Melting Point	156.4 - 158.6 °C
Water Content (Karl Fisher)	0.05%
Optical Rotation	[α] _D ²⁰ = 41.8 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.18% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.92%
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