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Certificate of Analysis

Catalogue Number	04103
Lot Number	000424-171130-20414
Product	Fmoc-3-chloro-D-phenylalanine

Fmoc-D-Phe(3-Cl)-OH

CAS Number	205526-23-4
Molecular Formula	C ₂₄ H ₂₀ ClNO ₄

Molecular Weight	421.9
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Appearance	White powder
Solubility	Clear solution (0.3g in 2ml DMF)
Melting Point	123.2 - 124.9 °C
Water Content (Karl Fisher)	0.814%
Optical Rotation	[α] ²⁰ _D = + 35 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.41% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.92%
Storage	Store at 0-8 °C

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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