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Certificate of Analysis

Catalogue Number	02691
Lot Number	000424-170906-22253
Product	Fmoc-L-α-aminobutyric acid Fmoc-L-Abu-OH
CAS Number	135112-27-5
Molecular Formula	C ₁₉ H ₁₉ NO ₄
Molecular Weight	325.4

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	136.4 - 136.8 °C
Water Content (Karl Fisher)	5.28%
Optical Rotation	[α] _D ²⁰ = -20.2 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.08% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.41%
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