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Certificate of Analysis

Catalogue Number	48165
Product	Fmoc-Val-Gly-OH
Lot Number	000424-240103-36009
CAS Number	142810-19-3
Molecular Formula	C ₂₂ H ₂₄ N ₂ O ₅
Molecular Weight	396.44

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	200.7 - 201.6 °C
Water Content (Karl Fisher)	0.08%
Optical Rotation	[α] _{D20} = -13.7 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.2% (80 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.57%
Storage	Store at RT
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