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Certificate of Analysis

Catalogue Number	05997
Lot Number	000424-200226-21510
Product	D-Phenylglycine methyl ester hydrochloride D-Phg-OMe•HCl
CAS Number	19883-41-1
Molecular Formula	C ₉ H ₁₁ NO ₂ •HCl
Molecular Weight	201.7

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	182.2 - 187.1 °C
Water Content (Karl Fisher)	0.21%
Optical Rotation	[α] _D ²⁰ = -132.6 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.28% (100 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.75%
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