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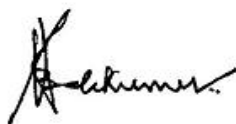
Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	03868
Lot Number	000424-170605-21573
Product	Z-L-phenylglycine N-hydroxysuccinimide ester Z-L-Phg-OSu
CAS Number	146118-22-1
Molecular Formula	C ₂₀ H ₁₈ N ₂ O ₆
Molecular Weight	382.37

Appearance	White powder
Solubility	Clear solution (0.1 g in 2 mL DMF)
Melting Point	158.7-159.8 °C
Optical Rotation	[α] _D ²⁰ = +17.3° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.42% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.11%
Storage	Store at ≤ -4 °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