

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	11724
Lot Number	000424-141201-13710
Product	Z-D-alanine-N-hydroxysuccinimide ester
	Z-D-Ala-OSu
CAS Number	27167-53-9
Molecular Formula	C ₁₅ H ₁₆ N ₂ O ₆
Molecular Weight	320.3

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	121.6-122.3 °C
Optical Rotation	[α] _D ²⁰ = +28.6° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
Purity by HPLC	98.67%
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