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Certificate of Analysis

Catalogue Number	06627
Lot Number	000424-140303-11203
Product	<i>N</i>^α-Z-L-tryptophan benzyl ester
	Z-L-Trp-OBzl
CAS Number	69876-37-5
Molecular Formula	C ₂₆ H ₂₄ N ₂ O ₄
Molecular Weight	428.48

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 ml DMF)
Melting Point	103.5-103.8 °C
Water Content (Karl Fisher)	0.104%
Optical Rotation	[α] _D ²⁰ = -17.8° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.63% (40 °C, 2 hour)
¹H NMR	Conforms to structure
Purity by HPLC	99.54%
Storage	Store at 0-8 °C

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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