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Certificate of Analysis

Catalogue Number	05987
Product	<i>N</i>^ε-Z-D-lysine benzyl ester hydrochloride
Lot Number	000424-210610-13454
	D-Lys(Z)-OBzl•HCl
CAS Number	156917-23-6
Molecular Formula	C ₂₁ H ₂₆ N ₂ O ₄ •HCl
Molecular Weight	406.9

Appearance	White powder
Solubility	Clear solution 0.3 g in 2 mL DMF
Melting Point	138.8 - 142.4 °C
Water Content (Karl Fisher)	0.53%
Optical Rotation	[α] _D ²⁰ : -2.6 ° (C=2 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.08% (60 °C at 2 h)
¹H NMR	Conforms to structure
Purity by HPLC	99.84%
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