

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	02212
Product	<i>N</i>^ε-Z-L-lysine benzyl ester hydrochloride
Lot Number	000424-140524-13006 L-Lys(Z)-OBzl•HCl
CAS Number	6366-70-7
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	139.4-140.7 °C
Water Content (Karl Fisher)	0.032%
Optical Rotation	[α] _D ²⁰ = +3.2° (C=2 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.44%
¹H NMR	Conforms to structure
Purity by HPLC	99.82%
Storage	Store at 0-8 °C

Certificate of Analysis

Catalog Number: 02212

Lot Number: 000424-140524-13006

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