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Certificate of Analysis

Catalogue Number	02210
Product	N^ε-Z-L-lysine
Lot Number	000424-180325-13003 L-Lys(Z)-OH
CAS Number	1155-64-2
Molecular Formula	C ₁₄ H ₂₀ N ₂ O ₄
Molecular Weight	280.3

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 ml TFA)
Melting Point	251.1-251.3 °C
Optical Rotation	[α] _D ²⁰ = +12.8° (C=0.5, in 1N HCl)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.12% (80°C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.57%
Purity by TLC	> 98.0%
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