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Certificate of Analysis

Catalogue Number	03884
Lot Number	000424-180313-11805
Product	<i>N</i>^{α,ε}-Bis-Z-L-lysine <i>N</i>-hydroxysuccinimide ester
	Z-L-Lys(Z)-OSu
CAS Number	21160-83-8
Molecular Formula	C ₂₆ H ₂₉ N ₃ O ₈
Molecular Weight	511.53

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 ml DMF)
Melting Point	111.9 - 112.8 °C
Water Content (Karl Fisher)	0.154%
Optical Rotation	[α] _D ²⁰ = - 17.6° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.30% (45°C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.39%
Storage	Store at 0-8°C

Certificate of Analysis

Catalog Number: 03884

Lot Number: 000424-180313-11805

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