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Certificate of Analysis

Catalogue Number	05985
Lot Number	000424-220710-13499
Product	<i>N</i>^ε-Acetyl-D-lysine D-Lys(Ac)-OH
CAS Number	51621-57-9
Molecular Formula	C ₈ H ₁₆ N ₂ O ₃
Molecular Weight	188.2

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL 5N HCl)
Melting Point	227.5 - 228.2 °C
Optical Rotation	[α] _D ²⁰ = -21.9 ° (C=2 in 5N HCl)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.42% (100 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.76%
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