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Certificate of Analysis

Catalogue Number	06129
Lot Number	000424-170801-13438
Product	<i>N</i>^ε-Allyloxycarbonyl-L-lysine
	L-Lys(Aloc)-OH
CAS Number	6298-03-9
Molecular Formula	C ₁₀ H ₁₈ N ₂ O ₄
Molecular Weight	230.26

Appearance	White to off-white powder
Solubility	Clear solution (0.3g in 2ml 6N HCl)
Melting Point	237.7 - 239.5 °C
Water Content (Karl Fisher)	1.51%
Optical Rotation	[α] ²⁰ _D = +16.7° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	1.45% (105 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.20%
Storage	Store at 0-8°C

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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