



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number	04-764
Product	N^α-Boc-L-lysine
Lot Number	000424-170808-31101
	Boc-L-Lys-OH
CAS Number	13734-28-6
Molecular Formula	C ₁₁ H ₂₂ N ₂ O ₄
Molecular Weight	246.30

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL Water)
Melting Point	195.1-196.1 °C
Elemental Analysis (Found)	< 5.0% (C, H, N)
Water Content (Karl Fisher)	0.67%
Optical Rotation	[α] _D ²⁰ = + 4.9° (C=2 in H ₂ O)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.64% (90 °C, 2h)
¹ H NMR	Conforms to structure
Purity by HPLC	98.39%
Purity by TLC	> 98.0%
Storage	Store at 0-8 °C

Prepared by:
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