



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

Catalog Number	04-766
Product Name	Boc-Lys(Z)-OH (cryst.) Boc-N <sup>ε</sup> -Z-L-lysine
Lot Number	KB192123
CAS Registry Number	2389-45-9
Molecular Formula	C <sub>19</sub> H <sub>28</sub> N <sub>2</sub> O <sub>6</sub>
Molecular Weight	380.45
Appearance	White powder
Optical Rotation	$\alpha_D^{20} = -7.8^\circ$ (c=1, AcOH)
Assay by TLC	> 98%
CHCl <sub>3</sub> /MeOH/AcOH 90/8/2 (v/v/v)	
D-enantiomer	< 0.5%
Residue on Ignition (SO <sub>4</sub> )	< 0.1%
Purity (HPLC)	99.3%
Assay (Titration)	99.8%
Storage	Store at RT