



# INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: [www.indofinechemical.com](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## Certificate of Analysis

<b>Catalog Number</b>	04-2006
<b>Product Name</b>	<b>H-Lys(Boc)-OH</b> N <sup>ε</sup> -Boc-L-Lysine
<b>Lot Number</b>	110528-13035
<b>CAS Registry Number</b>	2418-95-3
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>22</sub> N <sub>2</sub> O <sub>4</sub>
<b>Molecular Weight</b>	246.3
<b>Appearance</b>	White powder
<b>Clarity of solution</b>	Clear solution (0.1g in 4ml 1N HCl)
<b>Melting Point</b>	243.7-243.8°C
<b>Specific Optical Rotation [α]<sup>20</sup><sub>D</sub></b>	+15.8 ° (c=1 in DMF)
<b>Identification by IR Spectrum</b>	Conforms to structure
<b>Identification by Mass Spectrum</b>	Conforms to structure
<b>Identification by NMR Spectrum</b>	Conforms to structure
<b>Purity (HPLC)</b>	99.07%
<b>Storage</b>	Store at 0-5°C