



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

<b>Catalog Number</b>	04-614
<b>Product Name</b>	<b>Boc-Lys(2-Cl-Z)-OH</b> Boc-N <sup>ε</sup> -(2-chloro-Z)-L-lysine
<b>Lot Number</b>	110811-31102
<b>CAS Registry Number</b>	54613-99-9
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>27</sub> ClN <sub>2</sub> O <sub>6</sub>
<b>Molecular Weight</b>	414.89
<b>Appearance</b>	White to off white powder
<b>Solubility</b>	Clear solution (0.3 g in 2ml DMF)
<b>Melting Point</b>	65.6 - 68.7 °C
<b>Specific Optical Rotation (α<sup>20</sup><sub>D</sub>)</b>	-11.0° (C = 2, in DMF)
<b>Analysis by IR Spectrum</b>	Complies to standard
<b>Analysis by Mass Spectrum</b>	Complies to standard
<b>Analysis by NMR Spectrum</b>	Complies to standard
<b>Purity (HPLC)</b>	99.24%
<b>Storage</b>	Store at -0°C