

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	00363
<b>Product</b>	<b><i>N</i><sup>ε</sup>-Boc-L-Lysine</b>
<b>Lot Number</b>	000424-150610-13035
	L-Lys(Boc)-OH
<b>CAS 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

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.1 g in 4 mL 1N HCl)
<b>Melting Point</b>	246.3-256.5°C
<b>Optical Rotation</b>	+17.4° (C=1, AcOH)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to structure
<b>Loss on Drying</b>	1.97% (100°C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	98.12%
<b>Storage</b>	Store at 0-8 °C
<b>Remarks</b>	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