

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	12382
<b>Lot Number</b>	000424-110312-11032
<b>Product</b>	<b><i>N</i><sup>ε</sup>-Boc-D-lysine methyl ester hydrochloride</b>
	D-Lys(Boc)-OMe•HCl
<b>CAS Number</b>	66494-53-9
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>24</sub> N <sub>2</sub> O <sub>4</sub> •HCl
<b>Molecular Weight</b>	296.83

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.3 g in 2 mL DMF)
<b>Melting Point</b>	162.2-163.2 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -14.6° (C=1 in DMF)
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Purity by HPLC</b>	98.68%
<b>Storage</b>	Store at ≤ -4 °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