

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalog Number</b>	07136
<b>Product Name</b>	<b>Boc-Lys(iPr,Z)-OH</b> Boc-N <sup>ε</sup> -isopropyl-N <sup>ε</sup> -Z-L-lysine
<b>Lot Number</b>	07136-063005-V
<b>CAS Registry Number</b>	125323-99-1
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>34</sub> N <sub>2</sub> O <sub>6</sub>
<b>Molecular Weight</b>	422.5
<b>Melting point</b>	Oil (after evaporation of AcOEt)
<b>Optical Rotation</b>	[α] <sub>D</sub> = +13.5 ° (C = 1, Chloroform)
<b>Chromatography</b>	
<b>TLC (Analtech plates, single spot)</b>	Chloroform:Methanol:Acetic Acid 19:1:0.2 R <sub>f</sub> = 0.62
<b>HPLC</b>	Purity 95.3%, Kromasil C <sub>8</sub> column, gradient elution 75-100% B, t <sub>R</sub> = 3.3min, λ = 214nm, flow rate 1ml/min, injection 2μl of 0.5% solution in methanol- solution B  A = water : trifluoroacetic acid 100:0.5 B = acetonitrile : water : trifluoroacetic acid 82:18:0.38
<b>Storage</b>	Store at 0-5°C.
<b>Remarks</b>	See Material Safety Data Sheets for additional information. For Laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Sashi Kumar**  
Quality Control Manager

