

# **Chem-Impex International, Inc.**

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## **Certificate of Analysis**

<b>Catalog Number</b>	05984
<b>Product Name</b>	H-D-Lys(2-Cl-Z)-OH N <sup>α</sup> -(2-Chlorobenzyloxycarbonyl)-D-lysine
<b>Lot Number</b>	05984-032701-1
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>19</sub> N <sub>2</sub> O <sub>4</sub> Cl
<b>Molecular Weight</b>	314.6
<b>Appearance</b>	White product
<b>Solubility</b>	Clear, colorless solution (50mg/ml in Methanol)
<b>Assay (TLC)</b>	Purity by TLC >99%
<b>Chloroform/Methanol/Acetic acid/H<sub>2</sub>O</b> 60/45/14/6(v/v/v/v)	Detected by UV,Ninhydrin,chlorine-tolidine.
<b>n-Butanol/Acetic acid/H<sub>2</sub>O</b> 4/2/2 (v/v/v)	
<b>CHCl<sub>3</sub>:MeOH:AcOH 32%</b> 5/3/1 (v/v/v)	
<b>Plate Silicagel 60 F<sub>254</sub></b>	
<b>Purity</b>	99%
<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**

**Quality Control Manager**