

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	03100
<b>Product</b>	<b><i>N</i><sup>ε</sup>-<b>Z</b>-L-lysine methyl ester hydrochloride</b>
<b>Lot Number</b>	001529-501944
	L-Lys(Z)-OMe•HCl
<b>CAS Number</b>	27894-50-4
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>22</sub> N <sub>2</sub> O <sub>4</sub> •HCl
<b>Molecular Weight</b>	330.8

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<b>Appearance</b>	White powder
<b>Melting Point</b>	117-149 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = +14.8° (C=2% in MeOH)
<b>D-Enantiomer</b>	< 0.7%
<b>Purity by TLC</b>	> 98%
<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