

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	03102
<b>Lot Number</b>	000424-140927-13450
<b>Product</b>	<b><i>N</i><sup>α</sup>-Benzoyl-L-lysine methyl ester hydrochloride</b> Bz-L-Lys-OMe•HCl
<b>CAS Number</b>	14280-01-4
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>20</sub> N <sub>2</sub> O <sub>3</sub> •HCl
<b>Molecular Weight</b>	300.8

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.3 g in 2 mL MeOH)
<b>Melting Point</b>	80.8 °C
<b>Water Content (Karl Fisher)</b>	1.020%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -19.6° (C=1 in H <sub>2</sub> O)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	98.35%
<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