

# *Chem-Impex International, Inc.*

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## Certificate of Analysis

<b>Catalog Number</b>	02221
<b>Product Name</b>	<b>Z-Orn-OH</b> Z-L-ornithine
<b>Lot Number</b>	100925-16089-C
<b>CAS Registry Number</b>	2640-58-6
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>18</sub> N <sub>2</sub> O <sub>4</sub>
<b>Molecular Weight</b>	266.3
<b>Appearance</b>	White Powder
<b>Melting Point</b>	190.4 – 190.6 °C
<b>Optical Rotation</b>	$\alpha_D^{20} = -2.04^\circ$ (C = 4 in H <sub>2</sub> O)
<b>Solubility</b>	Clear solution (0.1 gram in 4 ml H <sub>2</sub> O)
<b>Mass Spectrum</b>	Conforms to structure
<b>Purity by HPLC</b>	98.21%
<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



**Bala Kumar**  
Quality Control Manager

