

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	30461
<b>Lot Number</b>	000129-16056
<b>Product</b>	<b>N<sup>δ</sup>-Azido-D-Ornithine hydrochloride</b>

H-D-Orn(N<sub>3</sub>)-OH•HCl

<b>CAS Number</b>	156463-09-1
<b>Molecular Formula</b>	C <sub>5</sub> H <sub>11</sub> ClN <sub>4</sub> O <sub>2</sub>

<b>Molecular Weight</b>	194.6
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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	162 -167 °C (dec.)
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = - 17.3 ° (C=1 in H <sub>2</sub> O)
<b>Assay by titration</b>	98.7%
<b>Purity by HPLC</b>	99.9%
<b>Purity by TLC</b>	> 99%
<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