

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	04993
<b>Lot Number</b>	000129-14028
<b>Product</b>	<b><i>N</i><sup>α</sup>-Boc-<i>N</i><sup>δ</sup>-allyloxycarbonyl-L-ornithine</b> Boc-L-Orn(Aloc)-OH
<b>CAS Number</b>	171820-74-9
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>24</sub> N <sub>2</sub> O <sub>6</sub>
<b>Molecular Weight</b>	316.4

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	126-127 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -8.6° (C=1 in DMF)
<b>Assay by titration</b>	100.2%
<b>Purity by HPLC</b>	99.3%
<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