

# *Chem-Impex International, Inc.*

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## Certificate of Analysis

<b>Catalog Number</b>	03797
<b>Product Name</b>	<b>Boc-HoCit-OH</b> Boc-L-homocitruline Boc-N-ε-carbamoyl-L-lysine
<b>Lot Number</b>	1660030818
<b>CAS Registry Number</b>	201418-83-9
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>23</sub> N <sub>3</sub> O <sub>5</sub>
<b>Molecular Weight</b>	289.30
<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution in DMF
<b>Melting Point</b>	139-142 °C
<b>Optical Rotation</b>	α <sub>D</sub> <sup>25</sup> = -12 ± 1 ° (1.0% in DMF)
<b>Purity (HPLC)</b>	99%
<b>HPLC Conditions</b>	
<b>Mobile Phase</b>	Buffer A 0.1% TFA/99.9% H <sub>2</sub> O Buffer B 0.1% TFA/4.9% H <sub>2</sub> O/95% CH <sub>3</sub> CN
<b>Gradient</b>	10-60% Buffer B in 20 min
<b>λ</b>	210 nm
<b>Column</b>	150X4.6mm, 5 μm, C <sub>18</sub> Column
<b>Flow Rate</b>	1.2 ml/min
<b>Storage</b>	Store at -0°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

Quality Control Manager