

# Chem-Impex International, Inc.

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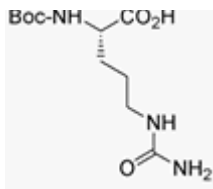
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	02699
<b>Product</b>	<b>Boc-L-citrulline</b> Boc-L-Cit-OH (S)-2-Boc-amino-5-ureidopentanoic acid
<b>CAS Number</b>	45234-13-7
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>21</sub> N <sub>3</sub> O <sub>5</sub>
<b>Molecular Weight</b>	275.3

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<b>Appearance</b>	White to pale yellow powder
<b>Solubility</b>	Clear colorless to slightly color solution (5% in MeOH)
<b>Water Content (Karl Fisher)</b>	≤ 0.1%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = -9 ± 1 ° (C=1 in H <sub>2</sub> O)
<b>Assay by titration</b>	≥ 89%
<b>Purity by TLC</b>	≥ 98%
<b>Storage</b>	Store at ≤ -15 °C

**For Laboratory Use Only**