

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	14443
<b>Product</b>	<b>Boc-O-allyloxycarbonyl-L-serine dicyclohexylammonium salt</b>
<b>Lot Number</b>	000630-06639 Boc-L-Ser(Aloc)-OH•DCHA
<b>Molecular Formula</b>	C <sub>24</sub> H <sub>42</sub> N <sub>2</sub> O <sub>7</sub>
<b>Molecular Weight</b>	470.61
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<b>Appearance</b>	White powder
<b>Melting Point</b>	107 - 110 °C
<b>TLC System</b>	CHCl <sub>3</sub> / MeOH/ AcOH (120/10/5) : Impurities < 1% CHCl <sub>3</sub> / MeOH/ AcOH (200/10/5) : Impurities < 1%
<b>Optical Rotation</b>	[α] <sub>D</sub> = + 20.9 ° (C=1, in MeOH)
<b>Analysis by Mass Spectra</b>	[M-H] <sup>-</sup> = 288
<b>Assay by titration</b>	100%
<b>Purity by HPLC</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