

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	04967
<b>Lot Number</b>	000630-01165
<b>Product</b>	<b><i>N</i><sup>α</sup>-Boc-<i>N</i><sup>β</sup>-allyloxycarbonyl-L-2,3-diaminopropionic acid dicyclohexylammonium</b> Boc-L-Dap(Aloc)-OH•DCHA
<b>CAS Number</b>	204197-28-4
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>21</sub> N <sub>2</sub> O <sub>6</sub> ·C <sub>12</sub> H <sub>23</sub> N
<b>Molecular Weight</b>	469.56

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<b>Appearance</b>	White powder
<b>Melting Point</b>	175 - 177 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> = + 9.0 ° (C=1 in MeOH)
<b>Analysis by Mass Spectra</b>	[M + H] <sup>+</sup> = 289.2
<b>Assay by titration</b>	99.4%
<b>Purity by HPLC</b>	97%
<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