

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	16249
<b>Lot Number</b>	1
<b>Product</b>	<b><i>N</i><sup>α</sup>-<i>Z</i>-<i>N</i><sup>γ</sup>-allyloxycarbonyl-D-2,4-diaminobutyric acid dicyclohexylammonium</b> Z-D-Dab(Aloc)-OH•DCHA
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>20</sub> N <sub>2</sub> O <sub>6</sub> •C <sub>12</sub> H <sub>23</sub> N
<b>Molecular Weight</b>	517.7

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	122-124 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +4.5° (C=1 in MeOH)
<b>Assay by titration</b>	99.1%
<b>Purity by HPLC</b>	99.2%
<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