

# Chem-Impex International, Inc.

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Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	16137
<b>Lot Number</b>	1
<b>Product</b>	<b><i>N</i><sup>α</sup>-Boc-<i>N</i><sup>β</sup>-1-(4,4-dimethyl-2,6-dioxocyclohex-1-ylidene)ethyl-D-2,3-diaminopropionic acid</b> Boc-D-Dap(Dde)-OH
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>28</sub> N <sub>2</sub> O <sub>6</sub>
<b>Molecular Weight</b>	368.5

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	145-147 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -33.0° (C=1 in MeOH)
<b>Assay by titration</b>	99.7%
<b>Purity by HPLC</b>	98.1%
<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