

# Chem-Impex International, Inc.

---

**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

---

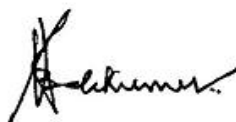
## Certificate of Analysis

<b>Catalogue Number</b>	30483
<b>Lot Number</b>	000129-13070-1
<b>Product</b>	<b>N<sup>α</sup>-Boc-N<sup>β</sup>-Azido-D-2,3-diaminopropionic acid</b> Boc-D-Dap(N3)-OH•CHA
<b>CAS Number</b>	225780-77-8 (net)
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>27</sub> N <sub>5</sub> O <sub>4</sub>
<b>Molecular Weight</b>	329.4

---

<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	124 - 126 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -30.4 ° (C=1 in MeOH)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay by titration</b>	98.8%
<b>Purity by HPLC</b>	99.9%
<b>Purity by TLC</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