

# 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>	30514
<b>Lot Number</b>	000129-170614
<b>Product</b>	<b>N<sup>α</sup>-Azido-N<sup>β</sup>-Fmoc-L-2,3-diaminopropionic acid</b> N <sub>3</sub> -L-Dap(Fmoc)-OH
<b>CAS Number</b>	880637-82-1
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>16</sub> N <sub>4</sub> O <sub>4</sub>
<b>Molecular Weight</b>	352.3

---

<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	147-150 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = - 49.6° (C=1 in DMF)
<b>Assay by titration</b>	99.7%
<b>Purity by HPLC</b>	99.8%
<b>Purity by TLC</b>	> 99.0%
<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