

# 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>	30490
<b>Product</b>	<b>N<sup>α</sup>-Fmoc-N<sup>γ</sup>-Palmitoyl-L-2,4-diaminobutyric acid</b>
<b>Lot Number</b>	000129-180706 Fmoc-L-Dab(Palm)-OH
<b>CAS Number</b>	1858224-29-9
<b>Molecular Formula</b>	C <sub>35</sub> H <sub>50</sub> N <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight</b>	578.8

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	135 - 139 °C
<b>Water Content (Karl Fisher)</b>	1.5%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = - 16.9 ° (C=1 in DMF)
<b>Residual Solvents</b>	Tetrahydrofuran, water, hexane
<b>Assay by titration</b>	94.5%
<b>Purity by HPLC</b>	98.7%
<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