

# 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>	12647
<b>Product</b>	<b><i>N</i><sup>α</sup>-Trityl-<i>N</i><sup>β</sup>-Fmoc-L-2,3-diaminopropionic acid</b>
<b>Lot Number</b>	2 Trt-L-Dap(Fmoc)-OH
<b>CAS Number</b>	1263046-25-8
<b>Molecular Formula</b>	C <sub>37</sub> H <sub>32</sub> N <sub>2</sub> O <sub>4</sub>
<b>Molecular Weight</b>	568.7

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	>102 °C (dec.)
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +35.5° (C=1 in MeOH)
<b>Assay by titration</b>	91.6%
<b>Purity by HPLC</b>	99.4%
<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**