

# 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>	16786
<b>Lot Number</b>	000705-428547
<b>Product</b>	<b>Fmoc-D-3-carbamoylphenylalanine</b>
<b>CAS Number</b>	1217637-40-5
<b>Molecular Formula</b>	C <sub>25</sub> H <sub>22</sub> N <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight</b>	430.45

---

<b>Appearance</b>	White solid
<b>Melting Point</b>	196 - 198 °C
<b>TLC System</b>	CHCl <sub>3</sub> /CH <sub>3</sub> OH/CH <sub>3</sub> COOH: 90/8/2 Single spot CHCl <sub>3</sub> /CH <sub>3</sub> OH/C <sub>6</sub> H <sub>6</sub> /H <sub>2</sub> O: 8/8/8/1 Single spot Visualized with Ninhydrin spray
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = + 29.5° (C=1 in DMF)
<b>Purity by HPLC</b>	99.5% (210 nm) 99.7% (254 nm)
<b>Storage</b>	Store at 0-8°C

**Remarks** 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**