

# Chem-Impex International, Inc.

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825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	16787
<b>Lot Number</b>	000424-181224-20366
<b>Product</b>	<b>Fmoc-D-4-carbamoylphenylalanine</b> Fmoc-(2R)-2-amino-3-(4-carbamoylphenyl)propanoic acid
<b>CAS Number</b>	1217610-39-3
<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

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<b>Appearance</b>	White solid
<b>Solubility</b>	Clear solution 100 mg/mL in DMF
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Related Substances</b>	Impurities : Not detected
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Chiral HPLC</b>	99.9% (ee)
<b>Other Enantiomer</b>	0.1%
<b>Purity by HPLC</b>	98.8%
<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**