

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	15119
<b>Product</b>	<b>Fmoc-2-nitro-L-phenylalanine</b>
<b>Lot Number</b>	000424-200703-35715
	Fmoc-L-Phe(2-NO <sub>2</sub> )-OH
<b>CAS Number</b>	210282-30-7
<b>Molecular Formula</b>	C <sub>24</sub> H <sub>20</sub> N <sub>2</sub> O <sub>6</sub>
<b>Molecular Weight</b>	432.4

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<b>Appearance</b>	Pale yellow powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -8.7 ° (C=1 in DMF)
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Residual Solvents</b>	Not identified
<b>Related Substances</b>	Not identified
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	98.6%
<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**