

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	12652
<b>Lot Number</b>	000424-170125-00905
<b>Product</b>	<b>Weinreb linker</b>  Fmoc-N-methoxy-3-aminopropionic acid
<b>CAS Number</b>	247021-90-5
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>19</sub> NO <sub>5</sub>
<b>Molecular Weight</b>	341.4

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<b>Appearance</b>	Off-white powder
<b>Solubility</b>	Clear solution (0.3 g in 2mL DMF)
<b>Melting Point</b>	99.7-99.9 °C
<b>Water Content (Karl Fisher)</b>	0.31%
<b>Infrared Spectrum</b>	Conform to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	0.04% (50°C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.73%
<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