

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	02692
<b>Lot Number</b>	000424-160527-22251
<b>Product</b>	<b>Fmoc-<math>\gamma</math>-aminobutyric acid</b>
	Fmoc- $\gamma$ -Abu-OH
	Fmoc-4-aminobutyric acid
<b>CAS Number</b>	116821-47-7
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>19</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	325.4

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.3 g in 2 mL DMF)
<b>Melting Point</b>	166.8-167.6 °C
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.82%
<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