

# *Chem-Impex International, Inc.*

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## Certificate of Analysis

<b>Catalog Number</b>	03960
<b>Product Name</b>	<b>Boc-D-Asp(OFm)-OH</b> Boc-D-aspartic acid $\beta$ -9-fluorenylmethyl ester
<b>Lot Number</b>	186-0601A
<b>CAS Registry Number</b>	123417-19-6
<b>Molecular Formula</b>	C <sub>23</sub> H <sub>25</sub> NO <sub>6</sub>
<b>Molecular Weight</b>	411.50
<b>Appearance</b>	White powder
<b>Melting Point</b>	139-141 °C
<b><sup>1</sup>H NMR Spectrum</b>	Complies with the structure
<b>Mass: m/e+Na</b>	433.71
<b>Mass: m/e+K</b>	449.63
<b>CHN-Analysis</b>	
<b>Elemental Analysis (Theory)</b>	C 67.14% H 6.12% N 3.40%
<b>Elemental Analysis (Found)</b>	C 66.97% H 6.06% N 3.37%
<b>Purity (HPLC)</b>	100%
<b>HPLC Conditions</b>	
<b>Mobile Phase</b>	Buffer A 0.1% TFA in Water Buffer B 0.1% TFA in Acetonitrile
<b>Gradient</b>	40-95% B in 15 min
<b>Flow Rate</b>	1.0 ml/min
<b>Wavelength (UV)</b>	280 nm
<b>Column</b>	Vydac C18 4.6 x 250 mm
<b>Storage</b>	Store at 0-5°C.
<b>Remarks</b>	See Material Safety Data Sheets for additional information. For Laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

## **Quality Control Manager**