

# **Chem-Impex International, Inc.**

**Tel:** (630) 766-2112

**E-mail:** [sales@chemimpex.com](mailto:sales@chemimpex.com)

**Shipping and Correspondence:**

935 Dillon Drive  
Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** [www.chemimpex.com](http://www.chemimpex.com)

**Manufacturing site:**

825 Dillon Drive  
Wood Dale, IL 60191

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## **Certificate of Analysis**

<b>Catalog Number</b>	12859
<b>Product Name</b>	<b>Boc-Gly-OtBu</b>
<b>Lot Number</b>	Boc-glycine t-butyl ester 12859-031306-1
<b>CAS Registry Number</b>	111652-20-1
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>21</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	231.29
<b>Melting Point</b>	64-66 °C
<b>HPLC purity</b>	99%
<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**

## HPLC Conditions

<b>Column</b>	Beckman Ultrasphere 5 $\mu$ m, 250x4.6 mm, 150 Å
<b>Guard Column</b>	Supel Guard LC-18-DB, 2 cm
<b>Retention Time, min</b>	9.71
<b>Sample preparation</b>	2 mg/1 ml 100% Acetonitrile/Water
<b>Injection volume, <math>\mu</math>l</b>	5
<b>Method /Detection at, nm</b>	<b>Gradient</b>
	30-80% B
	A = 99.9% Water, 0.1% TFA
<b>Boc / 210</b>	B = 95% Acetonitrile, 4.9% Water, 0.1% TFA
	30 min, flow rate = 1.0 ml / min