

# Chem-Impex International, Inc.

---

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

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

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

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## Certificate of Analysis

<b>Catalogue Number</b>	12892
<b>Lot Number</b>	001388-140716004
<b>Product</b>	<b>Boc-D-<math>\beta</math>-phenylalanine</b>  Boc-D- $\beta$ -Phe-OH  (S)-3-(Boc-amino)-3-phenylpropionic acid
<b>CAS Number</b>	103365-47-5
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>19</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	265.31

---

<b>Appearance</b>	Off-white solid
<b>Loss on Drying</b>	0.1%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Chiral HPLC</b>	99.5% (ee)
<b>Purity by HPLC</b>	97.8%
<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**