

# 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>	23127
<b>Lot Number</b>	000603-060514
<b>Product</b>	<b>Aminoethyl-SS-(+)-Biotin•HCl</b>
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>26</sub> N <sub>4</sub> S <sub>3</sub> O <sub>2</sub> •HCl
<b>Molecular Weight</b>	415.04

---

<b>Appearance</b>	White to off-white solid
<b>TLC System</b>	Silica gel 60 Methanol/Acetic Acid (4:1) R <sub>f</sub> = 0.12
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.5%
<b>Purity</b>	99.6% (NMR)
<b>Purity by TLC</b>	One spot
<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