

# 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>	15281
<b>Lot Number</b>	569679
<b>Product</b>	<b>(4-Pyridyl)-D-β-homoalanine dihydrochloride</b>  D-β-HomoAla(4-pyridyl)-OH•2HCl  (R)-3-Amino-4-(4-pyridyl)butyric acid dihydrochloride
<b>CAS Number</b>	269396-67-0
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>14</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>2</sub>
<b>Molecular Weight</b>	253.13

---

<b>Appearance</b>	Off-white powder
<b>Melting Point</b>	269 °C (dec.)
<b>TLC System</b>	Butanol/Acetic acid/Water (4:1:2) Single spot Chloroform/Methanol/Benzene/Water (8:8:8:1) Single spot Visualized with: UV/Iodine
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = -6.2° (C=1 in H <sub>2</sub> O)
<b>Purity by HPLC</b>	98%
<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