

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

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## **Certificate of Analysis**

<b>Catalog Number</b>	15529
<b>Product Name</b>	<b>H-D-<math>\beta</math>-HoPhe(4-phenyl)-OH•HCl</b> 4-Phenyl-D- $\beta$ -homophenylalanine hydrochloride
<b>Lot Number</b>	807594
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>17</sub> NO <sub>2</sub> •HCl
<b>Molecular Weight</b>	291.78
<b>Appearance</b>	Brown powder
<b>Melting Point</b>	190°C (Dec.)
<b>Specific Optical Rotation</b>	$\alpha_D^{25} = -4.5^\circ$ (c=1, MeOH)
<b>Assay by TLC</b>	
1) BuOH/AcOH/H <sub>2</sub> O 4/1/2	Single spot
2) CHCl <sub>3</sub> /CH <sub>3</sub> OH/C <sub>6</sub> H <sub>6</sub> /H <sub>2</sub> O 8/8/8/1	Single spot
	Visualized with UV/Iodine
<b>Purity (HPLC)</b>	98%
<b>Storage</b>	Store at 0°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**