

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalog Number</b>	05790
<b>Product Name</b>	H- $\gamma$ -Glu-Ala-OH
<b>Lot Number</b>	500632
<b>CAS Registry Number</b>	5875-41-2
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>14</sub> N <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight</b>	218.21
<b>Appearance</b>	White Powder
<b>Optical Rotation</b>	$\alpha_D^{24} = -26.5^\circ$ (2% in H <sub>2</sub> O)
<b>Solubility</b>	Clear Colorless solution (5% in AcOH 80%)
<b>Identification (TLC)</b>	Purity by TLC >99%
<b>n-Butanol/Acetic acid/H<sub>2</sub>O</b> 4/2/2 (v/v/v)	Detected by UV, Ninhydrin, chlorine-tolidine.
<b>Isopropanol/ammonia conc.</b> (v/v)	
<b>Ethyl acetate/Pyridine/Acetic acid /H<sub>2</sub>O 60/60/12/36</b> (v/v/v/v)	
<b>Plate Silicagel 60 F<sub>254</sub></b>	
<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



Sashi Kumar  
Quality Control Manager

