

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	06755
<b>Lot Number</b>	6755-090804-1
<b>Product</b>	<b>Z-L-pyroglutamic acid dicyclohexylammonium salt</b> Z-L-Pyr-OH•DCHA
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>13</sub> NO <sub>5</sub> •C <sub>12</sub> H <sub>23</sub> N
<b>Molecular Weight</b>	444.53

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<b>Appearance</b>	White powder
<b>Melting Point</b>	200-202 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -4.3° (C=1.060% in MeOH)
<b>Purity by HPLC</b>	99%
<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