

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	06455
<b>Product</b>	<b>Z-DL-Ala-Gly-OH</b>
<b>CAS Number</b>	2503-31-3
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>16</sub> N <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight</b>	280.28

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear, colorless solution (50 mg/mL in Dioxane 80%)
<b>Melting Point</b>	133 - 135 °C
<b>TLC System</b>	Chloroform/Methanol/Acetic acid (77.5/15/7.5) Ethylacetate/Pyridine/Acetic acid/H <sub>2</sub> O (60/10/3/4) Chloroform/Methanol/Toluene/H <sub>2</sub> O (8/8/8/1) Plate: Silicagel 60 F <sub>254</sub> Detected by: UV, Ninhydrin, Chlorine-Tolidine
<b>Optical Rotation</b>	[α] <sup>24</sup> <sub>D</sub> = -0.0002 to -0.0004 ° (C=1 in THF)
<b>Assay</b>	≥ 99% (N=9.99% by Elemental analysis)
<b>Purity by TLC</b>	≥ 99%
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**