

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	07079
<b>Product</b>	<b><i>N</i>-Myristoyl-glycine</b> Myristoyl-Gly-OH
<b>CAS Number</b>	14246-55-0
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>31</sub> NO <sub>3</sub>
<b>Molecular Weight</b>	285.4
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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear colorless solution (50 mg/mL in DMF)
<b>TLC System</b>	Chloroform/Methanol/Acetic acid 32% (5:3:1) Chloroform/ethylacetate/acetic acid (90:10:2) Chloroform/Methanol/Acetic acid (90:8:2) Plate: silicagel 60 F <sub>254</sub> Detected by: UV, ninhydrin, TMB, 2.7 dichlorofluorescin
<b>Related Substances</b>	H-Gly-OH : ≤ 0.05%
<b>Assay by titration</b>	99 - 100% (TBAH)
<b>Purity by TLC</b>	≥ 99%
<b>ESI-MS</b>	m = 285.4 ± 0.5u (Average mass)
<b>Storage</b>	Store at 0 - 8 °C
<b>Additional Information</b>	Acetic acid content : ≤ 0.005%

**For Laboratory Use Only**