

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number 03354
Product **Gly-Ala-OH**

Glycyl-L-alanine

CAS Number 3695-73-6

Molecular Formula C₅H₁₀N₂O₃

Molecular Weight 146.15

Appearance White powder

Solubility Clear, colorless solution (50 mg/ml in water)

Elemental Analysis (Theory) C=41.09%; H=6.90%; N=19.17%

Water Content (Karl Fisher) ≤ 1.5%

TLC System Isopropanol/ammonia conc. 1/1
Methanol/chloroform/ammonia 17% 2/2/1
n-butanol/acetic acid/water 4/2/2
plate: silicagel 60 F₂₅₄
detected by: UV, ninhydrin, chlorine-tolidine

Optical Rotation [α]_D²⁴ = - 58 ± 2° (C=1 in 0.5N HCl)

Assay by titration ≥ 99%

Purity by TLC ≥ 99%

Storage Store at 0-8°C

For Laboratory Use Only