

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 08280

Product **Ala-Gly-NH₂•HCl**

L-Alanyl glycine amide hydrochloride

CAS Number 71431-66-8

Molecular Formula C₅H₁₁N₃O₂•HCl

Molecular Weight 181.62

Appearance White to off-white powder

Solubility Clear, colorless solution (50mg/mL in Methanol 50%)

TLC System n-Butanol/Acetic acid/Water (4:2:2)
Chloroform/Methanol/Acetic acid 32% (5:3:1)
Chloroform/Methanol/Acetic acid/H₂O(60:45:14:6)
Plate: silicagel 60 F₂₅₄
Detected by: UV, ninhydrin, chlorine-tolidine

Titration ≥ 18% Chloride content (AgNO₃)

Assay ≥ 75% (elemental analysis)

Purity by TLC ≥ 99%

Storage Store at 0-8 °C

For Laboratory Use Only