

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	08280
Lot Number	0561527
Product	Ala-Gly-NH₂•HCl

L-Alanyl glycine amide hydrochloride

CAS Number	71431-66-8
Molecular Formula	C ₅ H ₁₁ N ₃ O ₂ •HCl

Molecular Weight	181.62
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Appearance	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/H ₂ O(60:45:14:6) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Residual Solvents	5.1% Isopropanol
Titration	18.8% Chloride content (AgNO ₃)
Assay	75.4% (Nth 28.95%, Nfd 21.82%)
Purity by TLC	> 99%
Storage	Store at 0-8 °C

Remarks	See material safety data sheet for additional information For laboratory use only
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The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager