

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	08669
Lot Number	000127-1000018634
Product	Gly-Phe-pNA Glycyl-L-phenylalanine <i>p</i> -nitroanilide
CAS Number	21027-72-5
Molecular Formula	C ₁₇ H ₁₈ N ₄ O ₄
Molecular Weight	342.35

Appearance	Slightly yellowish powder
Solubility	Clear, slightly yellow solution (50 mg/mL in DMF)
Elemental Analysis (Found)	C = 59.5%, H = 5.4%, N = 16.2%
TLC System	Chloroform/Methanol/Acetic acid (90:8:2) Chloroform/Methanol/Toluene/Water (8:8:8:1) Chloroform/Methanol/Acetic Acid/Water (45:13:1:2) Plate: Silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, TMB
Assay by titration	98.4% (HClO ₄)
Purity by TLC	> 99%
Storage	Store at 0 - 8 °C

Remarks See material safety data sheet for additional information
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager