

Analytical Data Sheet

Lot number	1000036089 not for drug use
Product	H-Gly-Phe-pNA
Product number	4008150.0250
Molecular formula	C ₁₇ H ₁₈ N ₄ O ₄
Relative molecular mass	342.35

Tests	Results
Appearance	slightly yellowish powder
Appearance of solution	clear, slightly yellow solution (50 mg/mL in DMF)
Identification (elemental analysis)	Theory Found C = 59.6% C = 59.5% H = 5.3% H = 5.4% N = 16.4% N = 16.2%
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (titration)	98.4% (HClO ₄)

Latest update: August 07, 2020

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