

Analytical Data Sheet

Lot number

0570388

not for drug use

Catalog Number	H-3595.0001
Product number	4000624.0001
Product	H- Gly- Phe- Gly- OH
Molecular formula	C ₁₃ H ₁₇ N ₃ O ₄
Relative molecular mass	279.30

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in AcOH)
Identification (TLC)	conforms with authentic material
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	97.3% (Nth 15.04 %, Nfd 14.64 %)
Water content (KF coulometric)	1.9%
Acetic acid content (HPLC)	0.2%
Latest update: October 25, 2008	Analytical Data Sheet Lot number 0570388