

Analytical Data Sheet

Lot number	1000038526 not for drug use
Product	Cyclo(-Gly-Phe)
Product number	4028308.0001
Molecular formula	C ₁₁ H ₁₂ N ₂ O ₂
Relative molecular mass	204.23

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in acetic acid 80%)
Identification (elemental analysis)	C-Value 64.5% H-Value 6.2% N-Value 13.6%
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid/ H ₂ O 45/13/1/2 chloroform/methanol 8/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.2% (Nth 13.72%, Nfd 13.61%)

Latest update: September 14, 2020

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