

Analytical Data Sheet

Lot number	1000052922 not for drug use
Product	H-Glu(Val-OH)-OH
Product number	4003707.1000
Molecular formula	C ₁₀ H ₁₈ N ₂ O ₅
Relative molecular mass	246.26

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in 80% acetic acid)
Identification (elemental analysis)	C-Value 48.7% H-Value 7.3% N-Value 11.3%
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	99.0% (Nth 11.38%, Nfd 11.27%)

Latest update: August 17, 2021

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