

Analytical Data Sheet

Lot number	1000049780 not for drug use
Product	H-Gly-Trp-OH
Product number	4000291.0001
Molecular formula	C ₁₃ H ₁₅ N ₃ O ₃
Relative molecular mass	261.28

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in AcOH 80%)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	88.9% (Nth 16.08%, Nfd 14.29%)
Water content (KF coulometric)	10.3%

Latest update: July 20, 2021

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