

Analytical Data Sheet

Lot number **1000014464**
not for drug use

Catalog number **H-3485.0001**
Product number **4013330.0001**
Product **H- Gly- Gly- Trp- OH**
Molecular formula $C_{15}H_{18}N_4O_4$
Relative molecular mass 318.33

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in 50% acetic acid)
Identification (elemental analysis)	Theory Found C = 53.3% C = 53.3% H = 6.0% H = 5.9% N = 16.6% N = 16.6% calc. as 1.1 water (5.9%)
Identification (TLC)	complies with authentic material
Purity (HPLC)	98.8% (TFA)
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)	93.6% (Nth 17.60%, Nfd 16.47%)
Water content (KF volumetric)	5.9%

Latest update: April 04, 2019

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