

Analytical Data Sheet

Lot number **1000004086**
not for drug use

Catalog number **C-1700.0025**
Product number **4000488.0025**
Product **Z- Gly- Gly- OH**
Molecular formula **C₁₂H₁₄N₂O₅**
Relative molecular mass **266.25**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (25 mg/ml in 80% AcOH)
Identification (TLC)	complies with authentic material
Purity (HPLC)	97.3% (TFA)
Purity (TLC)	> 99%
Related impurities (TLC)	< 0.1% H-Gly-OH
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 chloroform/methanol/toluene/H ₂ O 8/8/8/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	99.6% (Nth 10.52 %, Nfd 10.48 %)
Water content (KF volumetric)	0.2%

Latest update: July 31, 2018

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