

Analytical Data Sheet

Lot number **1069987**
not for drug use

Catalog number **M-1260.0500**
Product number **4002149.0500**
Product **Z- Gly- Pro- Gly- Gly- Pro- Ala- OH**
Molecular formula $C_{27}H_{36}N_6O_9$
Relative molecular mass 588.62

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in acetic acid 80 %)
Identification (TLC)	complies with authentic material
Purity (HPLC)	99.3% (TFA)
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H ₂ O 4/2/2 ethylacetate/pyridine/acetic acid/H ₂ O 60/30/9/16.5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	99.1% (Nth 14.28 %, Nfd 14.15 %)
Water content (KF volumetric)	0.6%

Latest update: February 27, 2017

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