

Analytical Data Sheet

Lot number **1000022411**
not for drug use

Catalog number **C-1795.0005**
Product number **4010787.0005**
Product **Z- Gly- Gly- Phe- OH**
Molecular formula $C_{21}H_{23}N_3O_6$
Relative molecular mass 413.43

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = +22.0^\circ$ (1 % MeOH)
Purity (HPLC)	99.50%
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 chloroform/methanol/acetic acid/H ₂ O 60/45/14/6 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.5% (Nth 10.16%, Nfd 10.11%)

Latest update: September 26, 2019

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