

Analytical Data Sheet

Lot number **1000005348**
not for drug use

Catalog number **C-1845.0005**
Product number **4002250.0005**
Product **Z- Gly- Leu- NH₂**
Molecular formula **C₁₆H₂₃N₃O₄**
Relative molecular mass **321.38**

| Tests | Results |
|----------------------------|--|
| Appearance | white powder |
| Appearance of solution | clear, colorless solution (50 mg/mL in methanol) |
| Identification (TLC) | complies with authentic material |
| Melting point | 122 °C |
| Purity (HPLC) | 99.2% (TFA) |
| Purity (TLC) | > 99% |
| TLC conditions | chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 chloroform/methanol/acetic acid/H ₂ O 85/13/0.5/1.5 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB |
| Assay (elemental analysis) | 99.1% (Nth 13.07%, Nfd 12.95%) |

Latest update: September 05, 2018

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