

Analytical Data Sheet

Lot number **1067211**
not for drug use

Catalog number **M-1375.1000**
Product number **4003615.1000**
Product **FA- Gly- Leu- NH₂**
Molecular formula **C₁₅H₂₁N₃O₄**
Relative molecular mass **307.35**

| Tests | Results |
|-------------------------------|---|
| Appearance | white powder |
| Appearance of solution | clear, colorless solution (50 mg/mL in methanol) |
| Identification (TLC) | complies with authentic material |
| Melting point | 177 °C |
| Purity (TLC) | > 99% |
| TLC conditions | chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 chloroform/methanol/acetic acid 85/10/5 chloroform/methanol/acetic acid 77.5/15/7.5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB |
| Assay (elemental analysis) | 99.0% (Nth 13.67%, Nfd 13.54%) |
| Water content (KF volumetric) | 0.2% |

Latest update: August 08, 2016

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