

Analytical Data Sheet

Lot number **1000025152**
not for drug use

Catalog number **H-4560.0250**
Product number **4011114.0250**
Product **H- Phe- Phe- Phe- OH**
Molecular formula $C_{27}H_{29}N_3O_4$
Relative molecular mass 459.55

| Tests | Results |
|-------------------------------|--|
| Appearance | white powder |
| Appearance of solution | colorless solution (50 mg/mL in acetic acid) |
| Identification (ESI-MS) | m = 459.5u |
| Identification (TLC) | complies with authentic material |
| Purity (TLC) | > 98% |
| TLC conditions | chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 chloroform/methanol/acetic acid 77.5/15/7.5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine |
| Assay (elemental analysis) | 97.8% (Nth 9.14%, Nfd 8.94%) |
| Water content (KF volumetric) | 0.4% |

Latest update: November 22, 2019

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