

Analytical Data Sheet

Lot number **1000024628**
not for drug use

Catalog number **H-4560.1000**
Product number **4011114.1000**
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 13, 2019

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