

Analytical Data Sheet

Lot number **1075558**
not for drug use

Catalog number **H-3915.0005**
Product number **4002312.0005**
Product **H- Leu- Leu- Leu- OH**
Molecular formula $C_{18}H_{35}N_3O_4$
Relative molecular mass 357.49

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in 80% acetic acid)
Identification (TLC)	Rf value in agreement with authentic material
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	97.3% (Nth 11.75%, Nfd 11.43%)
Water content (KF volumetric)	2.8%
Acetic acid content (IC)	0.04%

Latest update: October 15, 2018

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