

Analytical Data Sheet

Lot number **1075992**
not for drug use

Catalog number **H-4745.0100**
Product number **4004640.0100**
Product **H- Pro- His- Leu- OH**
Molecular formula $C_{17}H_{27}N_5O_4$
Relative molecular mass 365.43

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in water)
Identification (ESI-MS)	m = 365.2u(monoisotopic mass)
Identification (TLC)	complies with authentic material
Purity (HPLC)	96.9%(TFA)
Purity (TLC)	≥ 98%
TLC conditions	n-butanol/acetic acid/H ₂ O/pyridine 30/6/24/20 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	86.4%(Nth 19.16%, Nfd 16.55%)

Latest update: May 14, 2018

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