

## Analytical Data Sheet

Lot number **1072450**  
not for drug use

Catalog number **H-3960.1000**  
Product number **4009213.1000**  
Product **H- Leu- Ser- Phe- OH**  
Molecular formula  $C_{18}H_{27}N_3O_5$   
Relative molecular mass 365.43

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in formic acid)
Identification (ESI-MS)	m= 365.4u (average mass)
Identification (TLC)	complies with authentic material
Purity (HPLC)	99.1% (TFA) 98.7% (TEAP)
Purity (TLC)	> 99%
TLC conditions	methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, IRH
Assay (elemental analysis)	94.8% (Nth 11.50%, Nfd 10.81%)

Latest update: July 08, 2017

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