

## Analytical Data Sheet

Lot number **1065764**  
not for drug use

Catalog number **H-1755.0025**  
Product number **4007359.0025**  
Product **Angiotensin III**  
H- Arg- Val- Tyr- Ile- His- Pro- Phe- OH  
Molecular formula  $C_{46}H_{66}N_{12}O_9$   
Relative molecular mass 931.11

Tests	Results
Appearance	white powder
Amino acid analysis	Pro 1.06(1) Arg 1.05(1) Tyr 1.04(1) Phe 1.09(1) Val 1.00(1) Ile 0.88(1) His 0.92(1)
Solubility	soluble in water
Purity (HPLC)	97.0% (NaClO <sub>4</sub> ) 97.3% (TFA) 97.1% (TEAP)
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, IRH, Sakaguchi
Assay (elemental analysis)	69% (Nth 18.05 %, Nfd 12.45 %)

Latest update: May 26, 2016

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