

Analytical Data Sheet

Lot number **1074114**
not for drug use

Catalog number **H-2645.0005**
Product number **4006038.0005**
Product **Dynorphin A (1- 9)**
H- Tyr- Gly- Gly- Phe- Leu- Arg- Arg- Ile- Arg- OH
Molecular formula $C_{52}H_{84}N_{18}O_{11}$
Relative molecular mass 1137.35

Tests	Results
Appearance	slight yellowish powder
Appearance of solution	clear, colorless solution (1 % in water)
Amino acid analysis	Tyr 0.87 Leu 1.01 Ile 0.81 Phe 0.94 Arg 3.00 Gly 2.05
Purity (HPLC)	98.9% (TFA) 100% (NaClO ₄) 99.4% (TEAP)
Assay (elemental analysis)	70% (Nth 22.17 %, Nfd 15.62 %)
General comment	product is lyophilized and contains acetic acid and water

Latest update: November 08, 2017

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