

Analytical Data Sheet

Lot number **1074340**
not for drug use

Catalog number **H-2716.0001**
Product number **4026419.0001**
Product **(Met⁵, Pro⁶, D- Phe⁷, D- Trp⁹, Phe¹⁰) - α - MSH (5- 13)**
H- Met- Pro- D- Phe- Arg- D- Trp- Phe- Lys- Pro- Val-
NH₂
Molecular formula **C₆₁H₈₇N₁₅O₉S**
Relative molecular mass **1206.52**

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (1 mg/ml in 50% AcOH)
Identification (ESI-MS)	m = 1206.4u (average mass)
Amino acid analysis	Pro 1.9 (2) Arg 0.9 (1) Val 1.0 (1) Met 1.1 (1) Phe 1.8 (2) Lys 1.0 (1)
Purity (HPLC)	97.3% (TFA) 97.6% (TEAP)
Assay (elemental analysis)	72.0% (Nth 17.41 %, Nfd 12.54 %)

Latest update: November 11, 2017

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