

Analytical Data Sheet

Lot number **1000017636**
not for drug use

Catalog number H-1145.0005
Product number 4014222.0005
Product **ACTH (1- 17)**
H- Ser- Tyr- Ser- Met- Glu- His- Phe- Arg- Trp- Gly- Lys-
Pro- Val- Gly- Lys- Lys- Arg- OH
Molecular formula C₉₅H₁₄₅N₂₉O₂₃S
Relative molecular mass 2093.44

Tests	Results
Appearance	white product
Identification (FAB-MS)	[M+H] ⁺ : m/z = 2094 u
Amino acid analysis	Ser 1.8(2) Arg 2.0(2) His 1.0(1) Pro 1.0(1) Glx 1.1(1) Trp det. (1) Val 0.9(1) Gly 2.0(2) Tyr 1.0(1) Met 1.0(1) Lys 2.9(3) Phe 1.0(1)
Solubility	soluble in acetic acid 25 % (10 mg/ml)
Purity (HPLC)	97.9% (TFA) 96.7% (TEAP)
Assay (elemental analysis)	68.0% (Nth 19.4 %, Nfd 13.2 %)
General comment	product supplied as a trifluoroacetate salt

Latest update: June 19, 2019

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