

Analytical Data Sheet

Lot number

1027718

not for drug use

Catalog Number	H-1135.0005
Product number	4014703.0005
Product	ACTH (1- 13) H- Ser- Tyr- Ser- Met- Glu- His- Phe- Arg- Trp- Gly- Lys- Pro- Val- OH
Molecular formula	C ₇₅ H ₁₀₆ N ₂₀ O ₁₉ S
Relative molecular mass	1623.86

Tests	Results
Appearance	white powder
Identification (FAB-MS)	[M + H] ⁺ m/z = 1625 u
Amino acid analysis	Ser 1.66 (2) Val 0.90 (1) Lys 1.02 (1) Gly 0.96 (1) Phe 0.94 (1) Trp det. Tyr 0.95 (1) Arg 1.11 (1) His 0.99 (1) Pro 0.88 (1) Glx 1.08 (1) Met 1.15 (1)
Solubility	soluble in H ₂ O
Purity (HPLC)	98.4% TFA 98.9% NaClO ₄ -300 98.9% TEAP
Assay (elemental analysis)	76.0% (Nth 17.3 %, Nfd 13.1 %)
Latest update: November 25, 2009	Analytical Data Sheet Lot number 1027718