

## Analytical Data Sheet

Lot number **1068784**  
not for drug use

Catalog number **H-7708.0005**  
Product number **4095839.0005**  
Product **ACTH (1- 14) trifluoroacetate salt**  
H- Ser- Tyr- Ser- Met- Glu- His- Phe- Arg- Trp- Gly- Lys-  
Pro- Val- Gly- OH trifluoroacetate salt  
Molecular formula **C<sub>77</sub>H<sub>109</sub>N<sub>21</sub>O<sub>20</sub>S**  
Relative molecular mass **1680.91**

Tests	Results
Appearance	white lyophilized powder
Identification (ESI-MS)	1680.78
Amino acid analysis	Ala 1.1 (1) Met 1.0 (1) Tyr 0.9(1) Glx 0.9(1) Phe 0.8 (1) Val 1.0(1) Gly 2.0(2) Pro 1.0 (1) His 1.0(1) Ser 1.6 (2) Lys 0.9(1) Trp 0.0(1*)  * Trp was completely destroyed during hydrolysis
Solubility	1 mg/mL in H <sub>2</sub> O
Purity (HPLC)	97.7%
Peptide content	78.7%

Latest update: November 23, 2016

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