

Analytical Data Sheet

Lot number **1067847**
not for drug use

Catalog number H-1160.0500
Product number 4030325.0500
Product **ACTH (1- 39) (human) trifluoroacetate salt**
H- Ser- Tyr- Ser- Met- Glu- His- Phe- Arg- Trp- Gly- Lys-
Pro- Val- Gly- Lys- Lys- Arg- Arg- Pro- Val- Lys- Val-
Tyr- Pro- Asn- Gly- Ala- Glu- Asp- Glu- Ser- Ala- Glu-
Ala- Phe- Pro- Leu- Glu- Phe- OH trifluoroacetate salt
Molecular formula $C_{207}H_{308}N_{56}O_{58}S$
Relative molecular mass 4541.13

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (10 mg/mL in 10% acetic acid)
Identification (ESI-MS)	m = 4541.3u (average mass)
Purity (HPLC)	99.2% (TFA) 98.5% (NaClO ₄)
Assay (elemental analysis)	77.5% (Nth 17.27%, Nfd 13.39%)

Latest update: September 15, 2016

Analytical Data Sheet
Lot number **1067847**