

Analytical Data Sheet

Lot number **1057943**
not for drug use

Catalog number H-4592.0500
Product number 4029130.0500
Product (Ser⁸) - GLP- 1 (7- 36) amide (human, bovine, guinea pig, mouse, rat) trifluoroacetate salt
 H- His- Ser- Glu- Gly- Thr- Phe- Thr- Ser- Asp- Val- Ser- Ser- Tyr- Leu- Glu- Gly- Gln- Ala- Ala- Lys- Glu- Phe- Ile- Ala- Trp- Leu- Val- Lys- Gly- Arg- NH₂
 trifluoroacetate salt
Molecular formula C₁₄₉H₂₂₆N₄₀O₄₆
Relative molecular mass 3313.68

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (10 mg/ml in acetic acid 25 %)
Identification (ESI-MS)	m = 3313.7u
Amino acid analysis	Asx 1.13 (1) Phe 2.10 (2) Ala 3.27 (3) Ser 3.97 (4) His 1.07 (1) Ile 1.00 (1) Gly 3.30 (3) Trp det. (1) Tyr 1.08 (1) Val 2.20 (2) Thr 2.18 (2) Lys 2.01 (2) Leu 2.26 (2) Glx 4.60 (4) Arg 1.11 (1)
Purity (HPLC)	95.2% (TFA) 96.0% (TEAP) 98.3% (NaClO ₄)
Assay (elemental analysis)	80.7% (Nth 16.91 %, Nfd 13.66 %)