

Analytical Data Sheet

Lot number **1070781**
not for drug use

Catalog number **H-4592.1000**
Product number **4029130.1000**
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 %) |

Latest update: March 16, 2017

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