

## Analytical Data Sheet

Lot number **1069803**  
not for drug use

Catalog number **H-3824.1000**  
Product number **4030659.1000**  
Product **Gastric Inhibitory Polypeptide (1- 30) amide (porcine) trifluoroacetate salt**  
H- Tyr- Ala- Glu- Gly- Thr- Phe- Ile- Ser- Asp- Tyr- Ser- Ile- Ala- Met- Asp- Lys- Ile- Arg- Gln- Gln- Asp- Phe- Val- Asn- Trp- Leu- Leu- Ala- Gln- Lys- NH<sub>2</sub> trifluoroacetate salt  
Molecular formula **C<sub>162</sub>H<sub>245</sub>N<sub>41</sub>O<sub>47</sub>S**  
Relative molecular mass **3551.04**

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	3551.90
Amino acid analysis	Asx 3.88 (4) Ala 3.17 (3) Tyr 2.10 (2) Thr 0.99 (1) Val 0.94 (1) Phe 1.94 (2) Ser 1.92 (2) Met* 0.14 (1) Lys 2.11 (2) Glx 4.30 (4) Ile 2.61 (3) Trp* 0.12 (1) Gly 1.10 (1) Leu 2.13 (2) Arg 0.73 (1)  *Partially destroyed during acid hydrolysis
Solubility	soluble in DMF at 1mg/mL
Purity (HPLC)	95.4%
Assay (AAA)	75.4%

Latest update: February 01, 2017

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