

Analytical Data Sheet

Lot number	1000037990 not for drug use
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 ₂ trifluoroacetate salt
Product number	4030659.0500
Molecular formula	C ₁₆₂ H ₂₄₅ N ₄₁ O ₄₇ S
Relative molecular mass	3551.04

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

Latest update: September 10, 2020

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