

Analytical Data Sheet

Lot number	1000036366 not for drug use
Product	(Pro³)-Gastric Inhibitory Polypeptide (human) trifluoroacetate salt H-Tyr-Ala-Pro-Gly-Thr-Phe-Ile-Ser-Asp-Tyr-Ser-Ile-Ala-Met-Asp-Lys-Ile-His-Gln-Gln-Asp-Phe-Val-Asn-Trp-Leu-Leu-Ala-Gln-Lys-Gly-Lys-Lys-Asn-Asp-Trp-Lys-His-Asn-Ile-Thr-Gln-OH trifluoroacetate salt
Product number	4062141.1000
Molecular formula	C ₂₂₆ H ₃₃₈ N ₆₀ O ₆₄ S
Relative molecular mass	4951.60

Tests	Results
Appearance	white lyophilized powder
Identification (ESI-MS)	m = 4951.9 u
Amino acid analysis	Ala 3.4 (3) Met 1.0 (1) Asx 6.1 (7) Phe 2.1 (2) Glx 4.0 (4) Pro 1.1 (1) Gly 2.3 (2) Ser 1.6 (2) His 2.0 (2) Thr 2.1 (2) Ile 4.0 (4) Trp 0.0 (2*) Leu 2.3 (2) Tyr 2.3 (2) Lys 5.6 (5) Val 1.0 (1) * Trp was completely destroyed during hydrolysis
Solubility	1 mg/mL in water
Purity (HPLC)	97.1%
Peptide content	76.9%