

Analytical Data Sheet

Lot number	1000040760 not for drug use
Product	Gastrin I (human) Pyr-Gly-Pro-Trp-Leu-Glu-Glu-Glu-Glu-Glu-Ala-Tyr-Gly-Trp-Met-Asp-Phe-NH ₂
Product number	4030646.0001
Molecular formula	C ₉₇ H ₁₂₄ N ₂₀ O ₃₁ S
Relative molecular mass	2098.23

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	2097.87
Amino acid analysis	Asx 1.09 (1) Met* 0.50 (1) Glx 5.59 (6) Leu 1.01 (1) Pro 1.13 (1) Tyr 0.97 (1) Gly 2.12 (2) Phe 0.96 (1) Ala 1.14 (1) Trp* 0.92 (2) * Partially destroyed during acid hydrolysis
Solubility	soluble in DMF at 1mg/mL
Purity (HPLC)	98.0%
Assay (AAA)	80.4%
General Comment	peptide may contain residual trifluoroacetic acid

Latest update: November 16, 2020

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