

Analytical Data Sheet

Lot number	1000054604 not for drug use
Product	([D₈]Val⁷⁻¹⁰)-C-Peptide (human) H-Glu-Ala-Glu-Asp-Leu-Gln-[D ₈]Val-Gly-Gln-[D ₈]Val-Glu-Leu-Gly-Gly-Gly-Pro-Gly-Ala-Gly-Ser-Leu-Gln-Pro-Leu-Ala-Leu-Glu-Gly-Ser-Leu-Gln-OH
Product number	4028385.1000
Molecular formula	C ₁₂₉ H ₁₉₅ D ₁₆ N ₃₅ O ₄₈
Relative molecular mass	3036.43

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (5 mg/mL in AcOH 50%)
Identification (FAB-MS)	[M+H] ⁺ : m/z = 3035.5u
Amino acid analysis	Glx 8.00 (8) Asx 1.06 (1) Ser 2.05 (2) Gly 6.68 (7) Val 2.07 (2) Ala 3.16 (3) Pro 1.97 (2) Leu 5.95 (6)
Purity (HPLC)	92.5% (TEAP) 93.1% (NaClO ₄)
Assay (elemental analysis)	86.1% (Nth 16.14%, Nfd 13.90%)
General Comment	this product contains trifluoroacetic acid