

Analytical Data Sheet

Lot number	1000050788 not for drug use
Product	Proinsulin C-Peptide (55-89) (human) H-Arg-Arg-Glu-Ala-Glu-Asp-Leu-Gln-Val-Gly-Gln-Val-Glu-Leu-Gly-Gly-Gly-Pro-Gly-Ala-Gly-Ser-Leu-Gln-Pro-Leu-Ala-Leu-Glu-Gly-Ser-Leu-Gln-Lys-Arg-OH
Product number	4011662.1000
Molecular formula	C ₁₅₃ H ₂₅₉ N ₄₉ O ₅₂
Relative molecular mass	3617.04

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (1 mg/mL in water)
Identification (ESI-MS)	m = 3617u (average mass)
Purity (HPLC)	97.1% (TFA) 97.7% (TEAP) 97.7% (NaClO ₄)
Assay (elemental analysis)	80.1% (Nth 18.97%, Nfd 15.19%)
General Comment	product supplied as trifluoroacetate salt

Latest update: July 28, 2021

Analytical Data Sheet
Lot number **1000050788**