

Analytical Data Sheet

Lot number **1076232**
not for drug use

Catalog number H-1800.1000
Product number 4011662.1000
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
Molecular formula C₁₅₃H₂₅₉N₄₉O₅₂
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= 3617.1u (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: April 05, 2018

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