

Analytical Data Sheet

Lot number

0569877

not for drug use

Catalog Number

H-3204.1000

Product number

4031261.1000

Product

Biotinyl- (Leu⁸, D- Trp²², Tyr²⁵) - Somatostatin- 28
 Biotinyl- Ser- Ala- Asn- Ser- Asn- Pro- Ala- Leu- Ala-
 Pro- Arg- Glu- Arg- Lys- Ala- Gly- Cys- Lys- Asn-
 Phe- Phe- D- Trp- Lys- Thr- Tyr- Thr- Ser- Cys- OH
 (Disulfide bond)

Molecular formula

C₁₄₈H₂₂₃N₄₃O₄₂S₃

Relative molecular mass

3372.86

Tests	Results
Appearance	white powder
Identification (FAB-MS)	exhibits correct molecular ion
Amino acid analysis	Asx 2.99 (3) Thr 2.04 (2) Ser 2.68 (3) Glx 0.95 (1) Pro 2.37 (2) Gly 0.99 (1) Ala 3.89 (4) Cys* 0.77 (2) Leu 0.96 (1) Tyr 1.06 (1) Phe 2.08 (2) Trp* 0.50 (1) Lys 3.14 (3) Arg 1.96 (2) * partially destroyed during acid hydrolysis
Purity (HPLC)	> 97%
Peptide content	78.5%
General comment	product supplied as a trifluoroacetate salt
Latest update: October 25, 2008	Analytical Data Sheet Lot number 0569877