

Analytical Data Sheet

Lot number **1000008218**
not for drug use

Catalog number H-1495.0001
Product number 4019615.0001
Product (Tyr¹¹) - Somatostatin- 14
H- Ala- Gly- Cys- Lys- Asn- Phe- Phe- Trp- Lys- Thr-
Tyr- Thr- Ser- Cys- OH
(Disulfide bond)
Molecular formula C₇₆H₁₀₄N₁₈O₂₀S₂
Relative molecular mass 1653.90

Tests	Results
Appearance	white powder
Identification (FAB-MS)	[M + H] ⁺ : m/z = 1654 u
Amino acid analysis	Asx 1.06 (1) Trp det. (1) Ala 1.10 (1) Ser* 0.68 (1) Lys 1.88 (2) Thy 0.95 (1) Thr 1.83 (2) Gly 1.00 (1) Cys* 1.14 (2) Phe 1.73 (2) * Ser and Cys are partially destroyed during hydrolysis
Solubility	soluble in acetic acid 50 %
Purity (HPLC)	98.6% (NaClO ₄) 97.9% (TEAP) 99.0% (TFA)
Assay (elemental analysis)	80% (Nth 15.24 %, Nfd 12.20 %)

Latest update: November 06, 2018

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