

Analytical Data Sheet

Lot number **1061663**
not for drug use

Catalog number **H-6242.1000**
Product number **4039552.1000**
Product **Biotinyl- Somatostatin- 14**
Biotinyl- Ala- Gly- Cys- Lys- Asn- Phe- Phe- Trp- Lys-
Thr- Phe- Thr- Ser- Cys- OH
(Disulfide bond)
Molecular formula $C_{86}H_{118}N_{20}O_{21}S_3$
Relative molecular mass 1864.20

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m = 1864.7u
Amino acid analysis	Asx 1.0 (1) Lys 2.0 (2) Gly 1.0 (1) Ser* 0.8 (1) Phe 3.0 (3) Cys* det. (2) Thr 1.9 (2) Trp 0.9 (1) Ala 1.0 (1) * partially destroyed during acid hydrolysis
Solubility	soluble in 0.1% trifluoroacetic acid in water
Purity (HPLC)	> 97%
Assay (AAA)	67.7%
General comment	product supplied as trifluoroacetate salt

Latest update: September 14, 2015

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