

# Analytical Data Sheet

Lot number

## 1029154

not for drug use

**Catalog Number**

**H-6242.0500**

**Product number**

**4039552.0500**

**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
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	m = 1864.7u
<b>Amino acid analysis</b>	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)
<b>Solubility</b>	* partially destroyed during acid hydrolysis
<b>Purity (HPLC)</b>	soluble in 0.1% trifluoroacetic acid in water
<b>Assay (AAA)</b>	> 97%
<b>General comment</b>	67.7%
	product supplied as trifluoroacetate salt
Latest update: February 10, 2010	<b>Analytical Data Sheet</b> Lot number <b>1029154</b>