

## Analytical Data Sheet

Lot number **1061998**  
not for drug use

**Catalog number** H-4774.0001  
**Product number** 4029367.0001  
**Product** **Somatostatin- 14 (3- 14) trifluoroacetate salt**  
H- Cys- Lys- Asn- Phe- Phe- Trp- Lys- Thr- Phe- Thr-  
Ser- Cys- OH trifluoroacetate salt  
(Disulfide bond)  
**Molecular formula**  $C_{71}H_{96}N_{16}O_{17}S_2$   
**Relative molecular mass** 1509.77

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (ESI-MS)</b>	m = 1509.7u (average mass)
<b>Amino acid analysis</b>	Asx 1.0(1) Cyss 1.0(1) Thr 1.9(2) Phe 2.9(3) Lys 2.0(2) Trp det. (1) Ser* 0.8(1)  *partially destroyed during hydrolysis unknown broad signal at RT 28.6 min
<b>Solubility</b>	1 mg/ml in water
<b>Purity (HPLC)</b>	98.9% (TFA) 97.2% (TEAP) 98.3% (NaClO <sub>4</sub> )
<b>Assay (elemental analysis)</b>	77.2% (Nth 14.84 %, Nfd 11.46 %)
<b>General comment</b>	product supplied as a trifluoroacetate salt

Latest update: October 05, 2015

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