

## Analytical Data Sheet

Lot number **1053720**  
not for drug use

**Catalog number** H-6164.1000  
**Product number** 4046860.1000  
**Product** **Neuropeptide S (rat) trifluoroacetate salt**  
H- Ser- Phe- Arg- Asn- Gly- Val- Gly- Ser- Gly- Val- Lys-  
Lys- Thr- Ser- Phe- Arg- Arg- Ala- Lys- Gln- OH  
trifluoroacetate salt  
**Molecular formula** C<sub>95</sub>H<sub>160</sub>N<sub>34</sub>O<sub>27</sub>  
**Relative molecular mass** 2210.53

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	m = 2210.4u
<b>Amino acid analysis</b>	Asx 1.0 (1) Gly 3.0 (3) Glx 1.1 (1) Phe 2.1 (2) Val 1.9 (2) Ser* 2.7 (3) Arg 3.0 (3) Ala 1.1 (1) Thr 1.0 (1) Lys 2.9 (3)  * partially destroyed during acid hydrolysis
<b>Solubility</b>	soluble in water
<b>Purity (HPLC)</b>	> 95%
<b>Assay (AAA)</b>	73.6%