

## Analytical Data Sheet

Lot number **1072076**  
not for drug use

**Catalog number** H-5502.0500  
**Product number** 4037182.0500  
**Product** **Calcitonin (8- 32) (salmon I) trifluoroacetate salt**  
H- Val- Leu- Gly- Lys- Leu- Ser- Gln- Glu- Leu- His- Lys-  
Leu- Gln- Thr- Tyr- Pro- Arg- Thr- Asn- Thr- Gly- Ser-  
Gly- Thr- Pro- NH<sub>2</sub> trifluoroacetate salt  
**Molecular formula** C<sub>119</sub>H<sub>198</sub>N<sub>36</sub>O<sub>37</sub>  
**Relative molecular mass** 2725.10

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	m= 2725.5u
<b>Amino acid analysis</b>	Asx 1.0(1) Pro 2.2(2) Tyr 1.0(1) Glx 2.9(3) Leu 4.0(4) Arg 1.0(1) Val 1.1(1) Lys 2.1(2) His 0.9(1) Ser* 1.1(2) Thr* 2.9(4) Gly 2.9(3)  * partially destroyed during acid hydrolysis
<b>Solubility</b>	soluble in water
<b>Purity (HPLC)</b>	> 98%
<b>Assay (AAA)</b>	76.2%
<b>General comment</b>	product supplied as trifluoroacetate salt

Latest update: June 07, 2017

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