

## Analytical Data Sheet

Lot number **1073267**  
not for drug use

**Catalog number** H-7392.0500  
**Product number** 4089771.0500  
**Product** **5- FAM- Amylin (human) trifluoroacetate salt**  
 Fluorescein- 5- carbonyl- Lys- Cys- Asn- Thr- Ala- Thr- Cys- Ala- Thr- Gln- Arg- Leu- Ala- Asn- Phe- Leu- Val- His- Ser- Ser- Asn- Asn- Phe- Gly- Ala- Ile- Leu- Ser- Ser- Thr- Asn- Val- Gly- Ser- Asn- Thr- Tyr- NH<sub>2</sub> trifluoroacetate salt (Disulfide bond)  
**Molecular formula** C<sub>186</sub>H<sub>271</sub>N<sub>51</sub>O<sub>61</sub>S<sub>2</sub>  
**Relative molecular mass** 4261.64

Tests	Results
<b>Appearance</b>	yellow powder
<b>Identification (MALDI-MS)</b>	4261.67
<b>Amino acid analysis</b>	Asx 6.05 (6) Ala 4.06 (4) Tyr 0.88 (1) Thr 4.84 (5) Cys* 0.21 (2) Phe 1.98 (2) Ser* 3.93 (5) Val 2.04 (2) His 0.90 (1) Glx 1.16 (1) Ile 0.98 (1) Lys 0.96 (1) Gly 2.04 (2) Leu 2.92 (3) Arg 0.98 (1)  *Partially destroyed during acid hydrolysis
<b>Solubility</b>	soluble in water at 1mg/mL
<b>Purity (HPLC)</b>	95.3%
<b>Assay (AAA)</b>	80.8%

Latest update: November 11, 2017

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