

## Analytical Data Sheet

Lot number **1000025247**  
not for drug use

Catalog number **H-7692.1000**

Product number **4073878.1000**

Product **Amylin (free acid) (human) trifluoroacetate salt**  
H- 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- OH trifluoroacetate salt  
(Disulfide bond)

Molecular formula  $C_{165}H_{260}N_{50}O_{56}S_2$

Relative molecular mass 3904.32

Tests	Results
Appearance	white lyophilized powder
Identification (ESI-MS)	m = 3904.6u
Amino acid analysis	Ala 4.2(4) Gly 2.1(2) Phe 2.0(2) Arg 1.1(1) His 0.9(1) Ser 4.5(5) Asx 5.8(6) Ile 0.9(1) Thr 4.7(5) Cys* 0.0(2) Leu 3.0(3) Tyr 0.9(1) Glx 1.0(1) Lys 1.0(1) Val 2.0(2)  *Cys was completely destroyed during hydrolysis
Solubility	1 mg/mL in H <sub>2</sub> O
Purity (HPLC)	95.2%
Peptide content	84.5%

Latest update: December 03, 2019

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