

Analytical Data Sheet

Lot number **1065488**
not for drug use

Catalog number H-5574.0500
Product number 4038276.0500
Product **Humanin (human) trifluoroacetate salt**
 H- Met- Ala- Pro- Arg- Gly- Phe- Ser- Cys- Leu- Leu-
 Leu- Leu- Thr- Ser- Glu- Ile- Asp- Leu- Pro- Val- Lys-
 Arg- Arg- Ala- OH trifluoroacetate salt
Molecular formula C₁₁₉H₂₀₄N₃₄O₃₂S₂
Relative molecular mass 2687.27

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	2687.54
Amino acid analysis	Asx 1.05 (1) Gly 1.06 (1) Ile 0.96 (1) Thr 1.02 (1) Ala 2.11 (2) Leu 4.79 (5) Ser* 1.42 (2) Cys* 0.03 (1) Phe 0.90 (1) Glx 1.00 (1) Val 0.95 (1) Lys 1.06 (1) Pro** 2.38 (2) Met 0.95 (1) Arg 3.13 (3) *Partially destroyed during acid hydrolysis **Proline value high due to the incorporation of cysteine
Solubility	soluble in 1% Acetic acid at 1mg/mL
Purity (HPLC)	96.0%
Assay (AAA)	68.3%
Date of manufacture	February 02, 2016

Latest update: April 28, 2016

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