

Analytical Data Sheet

Lot number **1061798**
not for drug use

Catalog number **H-5576.0500**
Product number **4038277.0500**
Product **(Gly¹⁴) - Humanin (human) trifluoroacetate salt**
H- Met- Ala- Pro- Arg- Gly- Phe- Ser- Cys- Leu- Leu-
Leu- Leu- Thr- Gly- Glu- Ile- Asp- Leu- Pro- Val- Lys-
Arg- Arg- Ala- OH trifluoroacetate salt
Molecular formula $C_{118}H_{202}N_{34}O_{31}S_2$
Relative molecular mass 2657.25

| Tests | Results |
|---------------------------|--|
| Appearance | white powder |
| Identification (MALDI-MS) | m = 2657.3u |
| Amino acid analysis | Asx 0.9(1) Thr 1.2(1) Ser* 0.6(1) Glx 1.1(1) Pro 2.1(2) Gly 2.1(2) Ala 2.2(2) Cys* 0.0(1) Val 1.1(1) Met* 0.2(1) Ile 1.0(1) Leu 4.6(5) Phe 1.0(1) Lys 1.1(1) Arg 3.0(3) *Partially destroyed during acid hydrolysis |
| Solubility | soluble in water |
| Purity (HPLC) | > 95% |
| Assay (AAA) | 69.3% |

Latest update: October 05, 2015

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