

## Analytical Data Sheet

Lot number **1062357**  
not for drug use

**Catalog number** H-7508.0500  
**Product number** 4039296.0500  
**Product** **Pep- 1- cysteamide trifluoroacetate salt**  
Ac- Lys- Glu- Thr- Trp- Trp- Glu- Thr- Trp- Trp- Thr- Glu-  
Trp- Ser- Gln- Pro- Lys- Lys- Lys- Arg- Lys- Val-  
cysteamide trifluoroacetate salt  
**Molecular formula**  $C_{140}H_{202}N_{36}O_{33}S$   
**Relative molecular mass** 2949.43

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	2949.13
<b>Amino acid analysis</b>	Thr 3.00 (3) Lys 5.14 (5) Ser 0.95 (1) Trp* 3.83 (5) Glx 4.05 (4) Arg 0.97 (1) Pro 1.01 (1) Val 0.83 (1)  *Partially destroyed during acid hydrolysis
<b>Solubility</b>	soluble in 1% Acetic acid at 1mg/mL
<b>Purity (HPLC)</b>	95.0%
<b>Assay (AAA)</b>	85.6%
<b>Date of manufacture</b>	October 15, 2015

Latest update: October 26, 2015

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