

Analytical Data Sheet

Lot number **1060345**
not for drug use

Catalog number H-7502.0500
Product number 4058134.0500
Product **RVG- 9R trifluoroacetate salt**
 H- Tyr- Thr- Ile- Trp- Met- Pro- Glu- Asn- Pro- Arg- Pro-
 Gly- Thr- Pro- Cys- Asp- Ile- Phe- Thr- Asn- Ser- Arg-
 Gly- Lys- Arg- Ala- Ser- Asn- Gly- Gly- Gly- Gly- Arg-
 Arg- Arg- Arg- Arg- Arg- Arg- Arg- Arg- OH
 trifluoroacetate salt
Molecular formula C₂₀₁H₃₃₄N₈₂O₅₅S₂
Relative molecular mass 4843.51

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	4843.43
Amino acid analysis	Asx 4.30(4) Gly 6.26(6) Tyr 1.01 (1) Thr 3.09(3) Ala 1.11(1) Phe 0.76 (1) Ser 2.08(2) Cys* 0.05(1) Lys 1.21 (1) Glx 1.08(1) Met* 0.79(1) Trp* 0.77 (1) Pro** 4.54(4) Ile 1.51(2) Arg 11.5(12) *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)	>95%
Assay (AAA)	66.1%
Date of manufacture	December 11, 2014