

Analytical Data Sheet

Lot number **1000004919**
not for drug use

Product number 4109375.2001
Product **Prepro- von Willebrand factor (641- 650) (bovine) trifluoroacetate salt**
H- Trp- Arg- Glu- Pro- Ser- Phe- Cys- Ala- Leu- Ser- OH trifluoroacetate salt
Molecular formula $C_{54}H_{78}N_{14}O_{15}S$
Relative molecular mass 1195.35

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	1194.72
Amino acid analysis	Ser 1.99(2) Leu 1.03(1) Glx 0.87(1) Phe 0.98(1) Pro* 1.51(1) Trp** 0.78(1) Ala 1.04(1) Arg 1.09(1) Cys** 0.00(1) *Proline value high due to the incorporation of cysteine **Partially destroyed during acid hydrolysis
Solubility	soluble in 1% Acetic acid at 1mg/mL
Purity (HPLC)	95.8%
Assay (AAA)	81.9%

Latest update: September 12, 2018

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