

## Analytical Data Sheet

Lot number **1000004920**  
not for drug use

**Product number** 4109375.2002  
**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<sub>54</sub>H<sub>78</sub>N<sub>14</sub>O<sub>15</sub>S  
**Relative molecular mass** 1195.35

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	1194.72
<b>Amino acid analysis</b>	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
<b>Solubility</b>	soluble in 1% Acetic acid at 1mg/mL
<b>Purity (HPLC)</b>	95.8%
<b>Assay (AAA)</b>	81.9%

Latest update: September 10, 2018

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