

Analytical Data Sheet

Lot number **1000036367**
not for drug use

Product **Adrenomedullin (porcine) trifluoroacetate salt**
H-Tyr-Arg-Gln-Ser-Met-Asn-Asn-Phe-Gln-Gly-Leu-Arg-Ser-Phe-Gly-Cys-Arg-Phe-Gly-Thr-Cys-Thr-Val-Gln-Lys-Leu-Ala-His-Gln-Ile-Tyr-Gln-Phe-Thr-Asp-Lys-Asp-Lys-Asp-Gly-Val-Ala-Pro-Arg-Ser-Lys-Ile-Ser-Pro-Gln-Gly-Tyr-NH₂ trifluoroacetate salt (Disulfide bond)

Product number **4095741.1000**

Molecular formula C₂₆₂H₄₀₃N₇₉O₇₆S₃

Relative molecular mass 5971.77

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	5970.91
Amino acid analysis	Asx 5.34 (5) Met** 0.41 (1) Thr 2.84 (3) Ile 1.54 (2) Ser 3.87 (4) Leu 1.88 (2) Glx 5.90 (6) Tyr 2.65 (3) Pro* 2.27 (2) Phe 3.99 (4) Gly 5.46 (5) His 1.11 (1) Ala 2.13 (2) Lys 4.24 (4) Cys** 0.01 (2) Arg 4.07 (4) Val 1.68 (2)
	* Proline value high due to the incorporation of cysteine ** Partially destroyed during acid hydrolysis
Solubility	soluble in water at 1 mg/mL
Purity (HPLC)	98.0%
Assay (AAA)	87.7%