

Analytical Data Sheet

Lot number **1065045**
not for drug use

Catalog number H-4144.0500
Product number 4028071.0500
Product **Adrenomedullin (22- 52) (human) trifluoroacetate salt**
 H- Thr- Val- Gln- Lys- Leu- Ala- His- Gln- Ile- Tyr- Gln- Phe- Thr- Asp- Lys- Asp- Lys- Asp- Asn- Val- Ala- Pro- Arg- Ser- Lys- Ile- Ser- Pro- Gln- Gly- Tyr- NH₂ trifluoroacetate salt
Molecular formula C₁₅₉H₂₅₂N₄₆O₄₈
Relative molecular mass 3576.03

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (1 mg/mL in water)
Identification (ESI-MS)	m = 3576.0u (average mass)
Amino acid analysis	Asx 4.3 (4) Arg 1.2 (1) Val 2.1 (2) Ser* 1.5 (2) Thr* 1.8 (2) Lys 4.2 (4) Glx 4.5 (4) Ala 2.2 (2) Ile 2.1 (2) Gly 1.1 (1) Pro 2.1 (2) Leu 1.1 (1) His 1.1 (1) Tyr 1.9 (2) Phe 1.0 (1) * Ser and Thr partially destroyed during hydrolysis
Purity (HPLC)	98.3% (TFA) 97.9% (NaClO ₄)
Assay (elemental analysis)	77.2% (Nth 18.02%, Nfd 13.91%)

Latest update: March 29, 2016

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