

Analytical Data Sheet

Lot number **1000023236**
not for drug use

Catalog number H-4922.0500
Product number 4034543.0500
Product **Acetyl- (Asn³⁰, Tyr³²) - Calcitonin (8- 32) (salmon I) trifluoroacetate salt**
Ac- Val- Leu- Gly- Lys- Leu- Ser- Gln- Glu- Leu- His- Lys- Leu- Gln- Thr- Tyr- Pro- Arg- Thr- Asn- Thr- Gly- Ser- Asn- Thr- Tyr- NH₂ trifluoroacetate salt
Molecular formula C₁₂₇H₂₀₅N₃₇O₄₀
Relative molecular mass 2890.25

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m = 2890.9u
Amino acid analysis	Asx 2.1 (2) Pro 1.1 (1) Tyr 2.0 (2) Glx 2.9 (3) Leu 3.7 (4) Arg 1.1 (1) Val 1.0 (1) Lys 2.0 (2) His 1.1 (1) Ser 2.0 (2) Thr* 3.6 (4) Gly 2.1 (2) * partially destroyed during acid hydrolysis
Solubility	soluble in water
Purity (HPLC)	> 98%
Assay (AAA)	80.9%

Latest update: October 11, 2019

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