

Analytical Data Sheet

Lot number	1000046941 not for drug use
Product	Calcitonin (8-32) (salmon I) trifluoroacetate salt H-Val-Leu-Gly-Lys-Leu-Ser-Gln-Glu-Leu-His-Lys-Leu-Gln-Thr-Tyr-Pro-Arg-Thr-Asn-Thr-Gly-Ser-Gly-Thr-Pro-NH ₂ trifluoroacetate salt
Product number	4037182.1000
Molecular formula	C ₁₁₉ H ₁₉₈ N ₃₆ O ₃₇
Relative molecular mass	2725.10

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m= 2725.5u
Amino acid analysis	Asx 1.0 (1) Tyr 1.0 (1) Glx 2.9 (3) Arg 1.0 (1) Val 1.1 (1) His 0.9 (1) Thr* 2.9 (4) Pro 2.2 (2) Leu 4.0 (4) Lys 2.1 (2) Ser* 1.1 (2) Gly 2.9 (3) *partially destroyed during acid hydrolysis
Solubility	soluble in water
Purity (HPLC)	>98%
Assay (AAA)	76.2%

Latest update: March 11, 2021

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