

Analytical Data Sheet

Lot number	1000036619 not for drug use
Product	Collagen Type I α1 chain (502-516) trifluoroacetate salt H-Gly-Phe-Hyp-Gly-Glu-Arg-Gly-Val-Glu-Gly-Pro-Hyp-Gly-Pro-Ala-NH ₂ trifluoroacetate salt
Product number	4109341.2002
Molecular formula	C ₆₃ H ₉₅ N ₁₉ O ₂₁
Relative molecular mass	1454.54

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	1454.07
Amino acid analysis	Glx 1.96 (2) Val 1.07 (1) Pro 2.11 (2) Phe 1.03 (1) Gly 4.74 (5) Arg 1.04 (1) Ala 1.06 (1) Hyp Det (2)
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	98.2%
Assay (AAA)	72.6%

Latest update: August 07, 2020

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