

CERTIFICATE OF ANALYSIS

Product Name	Osteogenic Growth Peptide (10-14), Cat.#: 305006, TFA removed
Lot No.	GTA34906-0119
Sequence	YGFGG(Acetate Salt)
Dissolution condition	100%H ₂ O
Length	5AA
Modification	acetate salt
Molecular Weight (MW)	499.52
Storage	-20°C

Test Items	Specifications	Results
MW by MS	499.35	Conforms
Purity by HPLC	>95%	99.219%
Peptide Content	N/A	N/A
Moisture content	N/A	N/A
Acetic acid content	N/A	N/A
Appearance	White to off-white lyophilized powder	Conforms
Quantity	10mg	5.0mg*2

NovoPro Bioscience Inc. (hereafter NovoPro) warrants material of said quality at the time of sale. It is the sole responsibility of the customers to determine the adequacy of all materials for any intended or specific purpose or use. NovoPro's sole obligation is to replace the material up to the extent of the purchase price. This warranty applies only to products in original packaging and does not apply to a product which has been tampered with or altered in any way in or which has been misused or damaged by accident or negligence. All claims must be received writing (by fax or email) within 30 days from date when product arrive at the destination city and failure to do so shall constitute a waiver by customers for any and all such claims.

Certified by:



Quality Assurance Department

Jan/31/2023



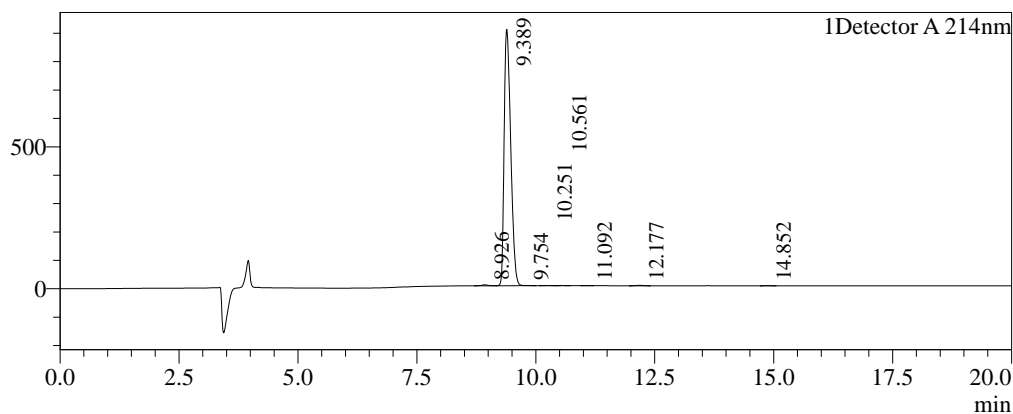
Sample Information

Order ID :GTA34906
 Name :Osteogenic Growth Peptide (10-14)
 Sequence :YGFGG(Acetate Salt)
 Lot. No :GTA34906-0119
 Pump A :0.1% Trifluoroacetic in 100% water
 Pump B :0.1% Trifluoroacetic in 100% acetonitrile
 Total Flow :1ml/min
 Wavelength :214nm
 Analytical column type :YMC-Triart C18(4.6*250mm*5um)
 Dissolution method :100% H2O
 Inj. Volume : 25ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	15
20.00	Pumps	B.Conc	35
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	15
50.00	Controller	Stop	

Chromatogram

mV

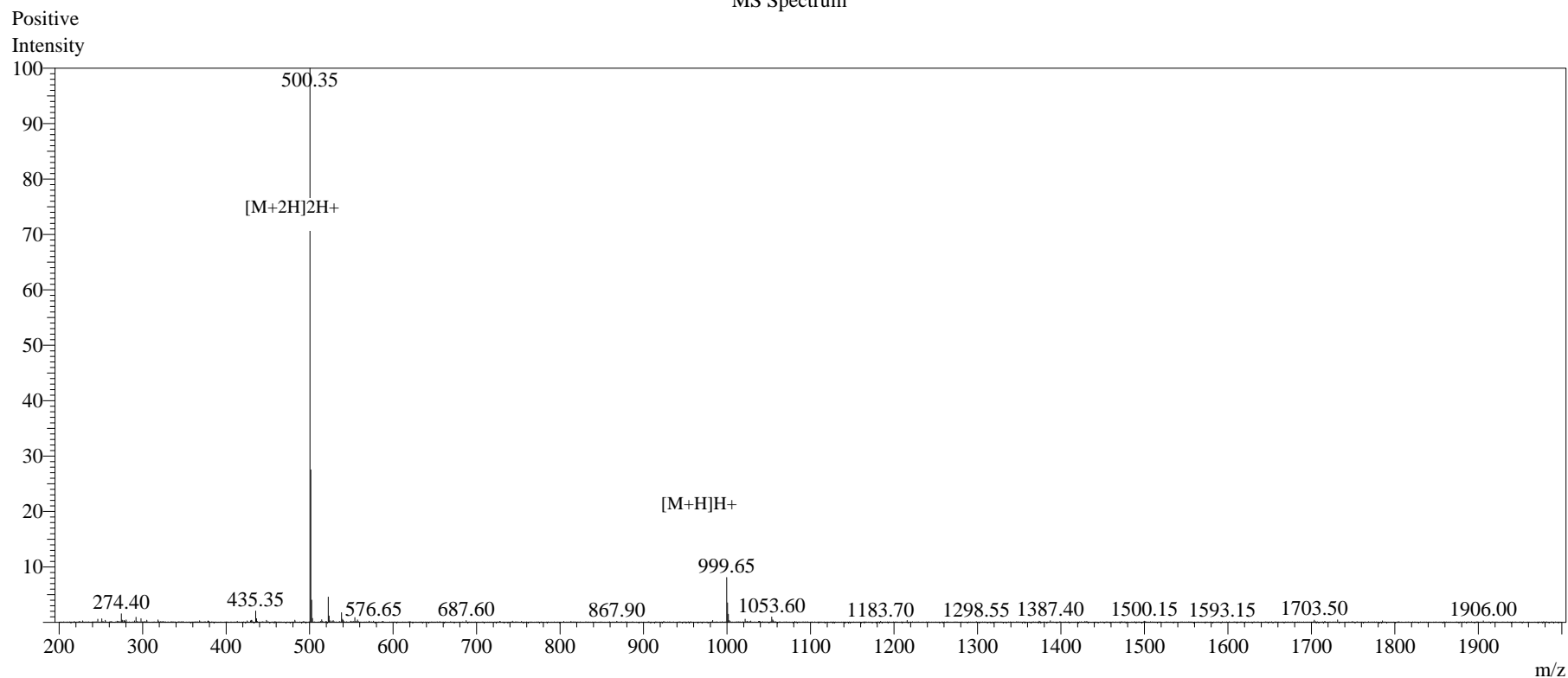


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	8.926	29310	3182	0.336
2	9.389	8658632	902954	99.219
3	9.754	3854	690	0.044
4	10.251	6870	891	0.079
5	10.561	5165	662	0.059
6	11.092	1616	203	0.019
7	12.177	16608	1738	0.190
8	14.852	4760	613	0.055
Total		8726816	910933	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/01/30 09:45:25	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Injection Volume	:0.2ul	CDL Temp	:250C	T.Flow	:0.2ml/min
Block Temp	:200	CDL Volt	:0v	B.conc	:50% H ₂ O/50% MEOH

Order ID	:GTA34906
Name	:Osteogenic Growth Peptide 10-14
Sequence	:YGFGG(Acetate Salt)
Lot.No	:GTA34906-0119
Theoretical	:499.52
Observed	:499.35