

CERTIFICATE OF ANALYSIS

Product Name	Peptide T12 (Cat.#: 318893)
Lot No.	MTFA30691-1113
Sequence	THRPPMWSPVWP
Dissolution condition	100%H2O
Length	12AA
Modification	N/A
Molecular Weight (MW)	1490.73
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1491.00	Conforms
Purity by HPLC	>95%	95.052%
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	20mg	5.0mg*4

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:



Nov/23/2023

Quality Assurance Department

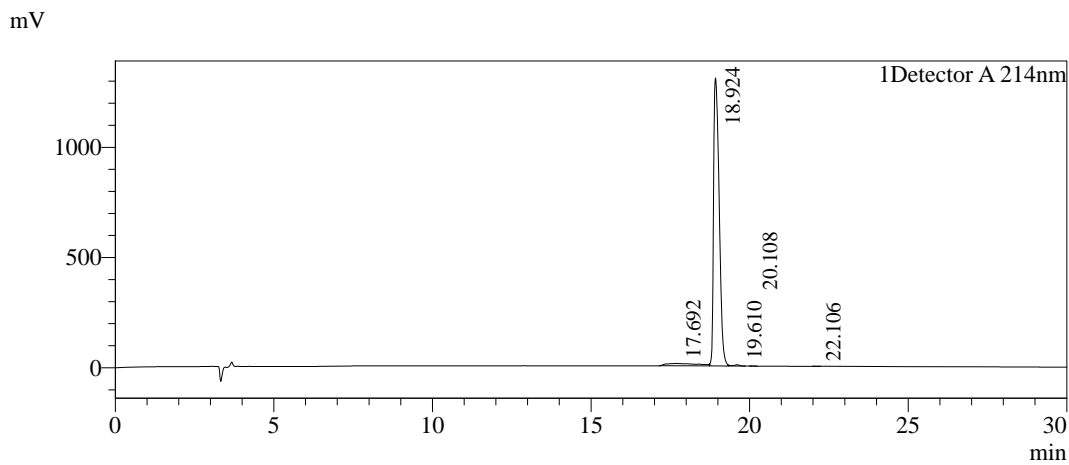


Sample Information

Order ID :MTFA30691
 Name :Peptide T12
 Sequence :THRPPMWSPVWP
 Lot. No :MTFA30691-1113
 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 :Inertsil ODS-SP C18 (4.6*250mm*5um)
 Dissolution method :100% H2O
 Inj. Volume : 10ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	15
30.00	Pumps	B.Conc	45
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	15
50.00	Controller	Stop	

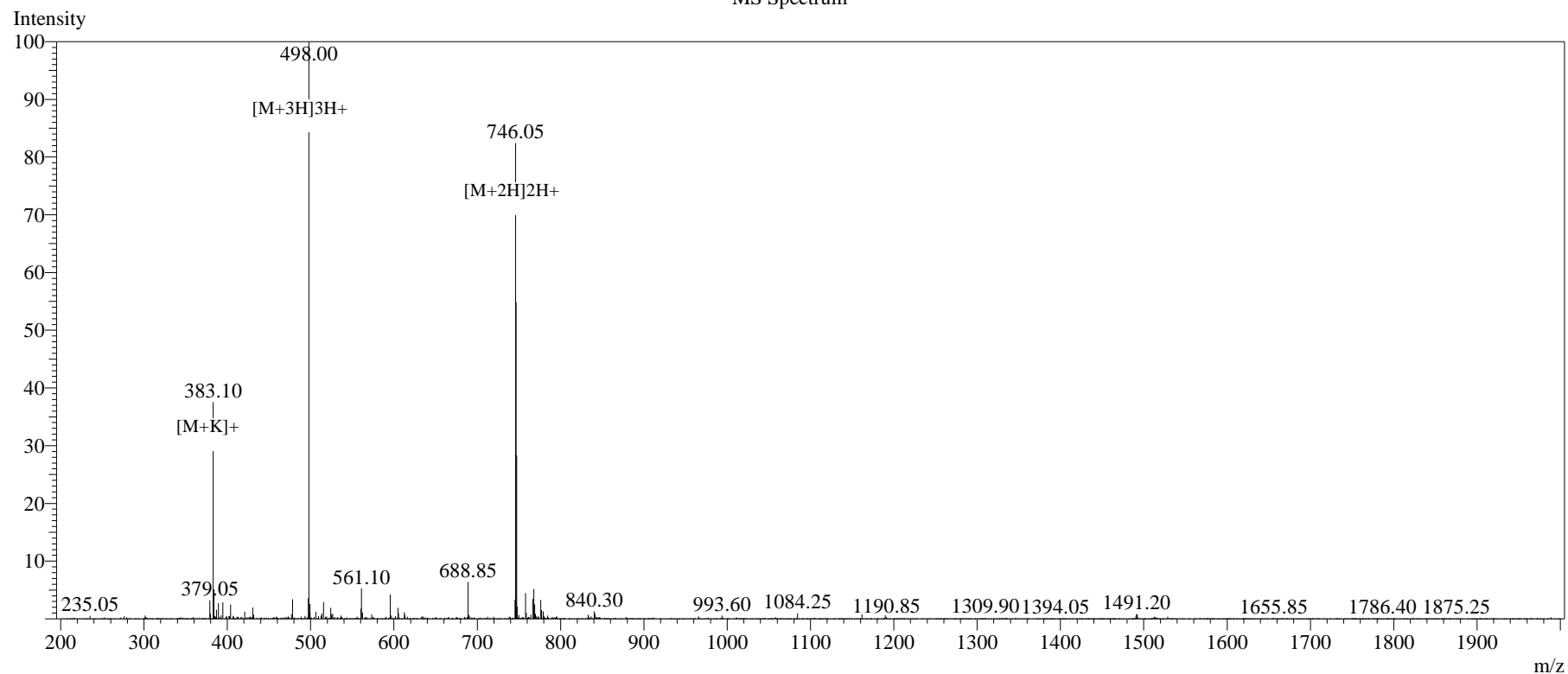
Chromatogram



Peak Table

Peak#	Ret. Time	Area	Height	Area%
1	17.692	749068	10638	4.419
2	18.924	16113817	1306710	95.052
3	19.610	80844	5363	0.477
4	20.108	4398	641	0.026
5	22.106	4448	643	0.026
Total		16952574	1323994	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/11/20 17:33:14	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Injection Volume	:0.2ul	CDL Temp	:250°C	T.Flow	:0.2ml/min
Block Temp	:200	CDL Volt	:0v	B.conc	:50% H ₂ O/50% MEOH

Order ID	:MTFA30691
Name	:Peptide T12
Sequence	:THRPPMWSPVWP
Lot.No	:MTFA30691-1113
Theoretical	:1490.73
Observed	:1491.00