

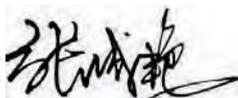
CERTIFICATE OF ANALYSIS

Product Name	pHLIP peptide, Cat.#: 319270
Lot No.	MTFA31037-0226
Sequence	AAEQNPIYWARYADWLFTTPLLLLDLALLVDADEGTCG
Dissolution condition	30%ACN+70%H2O
Length	38AA
Modification	N/A
Molecular Weight (MW)	4239.71
Storage	-20°C

Test Items	Specifications	Results
MW by MS	4240.00	Conforms
Purity by HPLC	>95%	95.651%
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:



Mar/15/2024

Quality Assurance Department

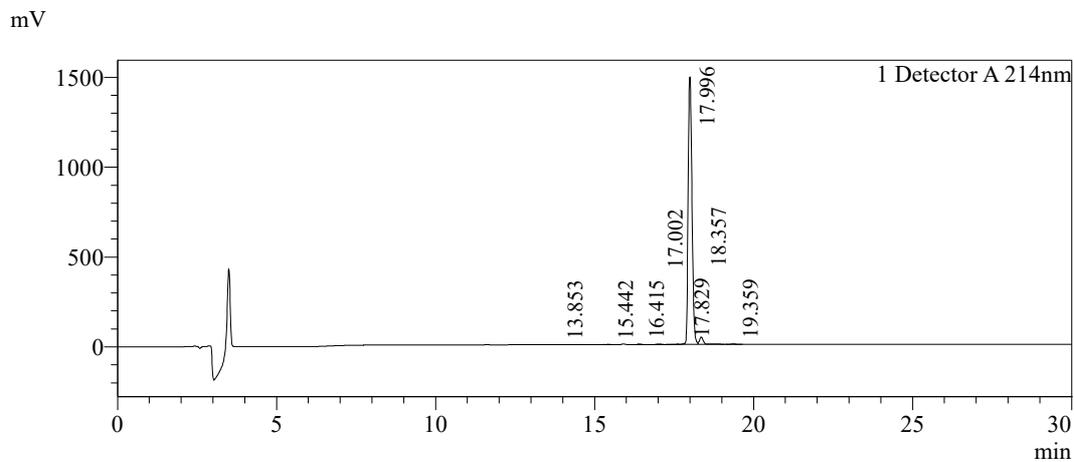


Sample Information

Order ID :MTFA31037
 Name :pHLIP peptide
 Sequence :AAEQNPIYWARYADWLFTTPLLDDLALLVDADEGTCG
 Lot. No :MTFA31037-0226
 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 :Kromasil 100-5-C18 (4.6*250mm*5 µm)
 Dissolution method :30%ACN+70%H2O
 Inj. Volume : 25ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	40
30.00	Pumps	B.Conc	70
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	40
50.00	Controller	Stop	

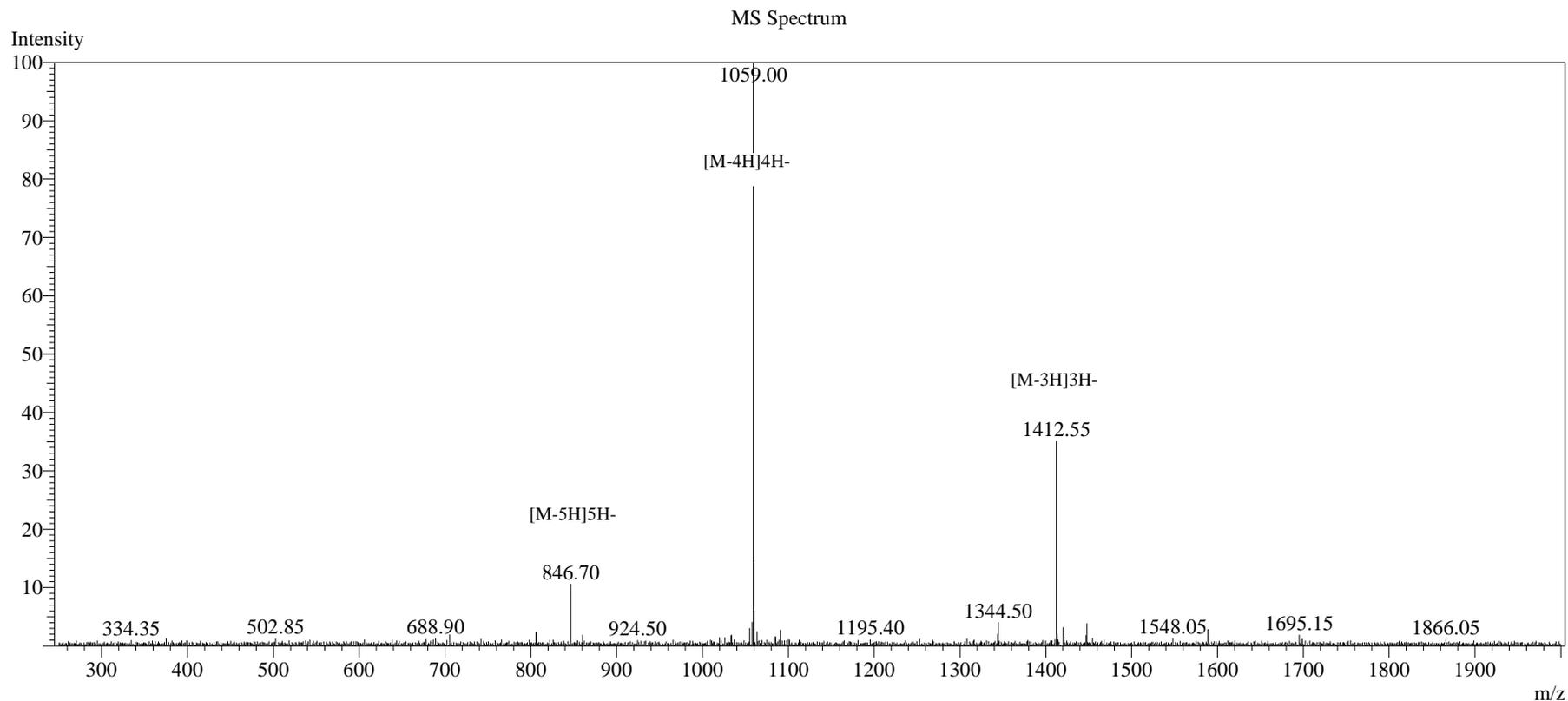
Chromatogram



Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	13.853	8110	1098	0.062
2	15.442	19662	1684	0.151
3	16.415	21899	3326	0.168
4	17.002	27390	2923	0.210
5	17.829	52561	5648	0.403
6	17.996	12468529	1487334	95.651
7	18.357	402056	41344	3.084
8	19.359	35178	3389	0.270
Total		13035385	1546746	100.000



Sample Information

Dissolution method	:30% ACN+70% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/03/14 16:16:32	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	:MTFA31037
Name	:pHLIP peptide
Sequence	:AAEQNPIYWARYADWLFTTPLLDDLALLVDADEGTCC
Lot.No	:MTFA31037-0226
Theoretical	:4239.71
Observed	:4240.00