

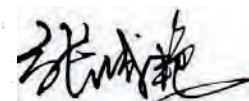
## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	H-Glu-Thr-Tyr-Ser-Lys-OH peptide, Cat.#: 306676
<b>Lot No.</b>	MTFA31111-0314
<b>Sequence</b>	ETYSK
<b>Dissolution condition</b>	100%H <sub>2</sub> O
<b>Length</b>	5AA
<b>Modification</b>	N/A
<b>Molecular Weight (MW)</b>	626.66
<b>Storage</b>	-20°C

<b>Test Items</b>	<b>Specifications</b>	<b>Results</b>
<b>MW by MS</b>	626.50	Conforms
<b>Purity by HPLC</b>	>95%	95.809%
<b>Peptide content</b>	N/A	N/A
<b>Moisture content</b>	N/A	N/A
<b>Acetic acid content</b>	N/A	N/A
<b>Appearance</b>	White to off-white lyophilized powder	Conforms
<b>Quantity</b>	100mg	5.0mg*20

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

Apr/09/2024

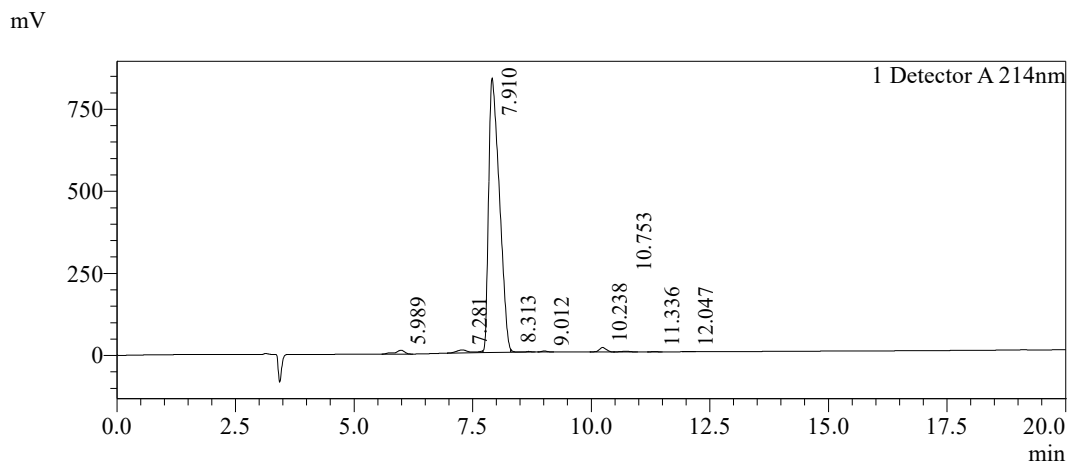


### Sample Information

Order ID :MTFA31111  
 Name :H-Glu-Thr-Tyr-Ser-Lys-OH peptide  
 Sequence :ETYSK  
 Lot. No :MTFA31111-0314  
 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 :Phenomenex Luna® 5 µm C18(2) (4.6\*250mm\*5 µm)  
 Dissolution method :100%H2O  
 Inj. Volume : 20ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	0.1
20.00	Pumps	B.Conc	20
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	0.1
50.00	Controller	Stop	

### Chromatogram

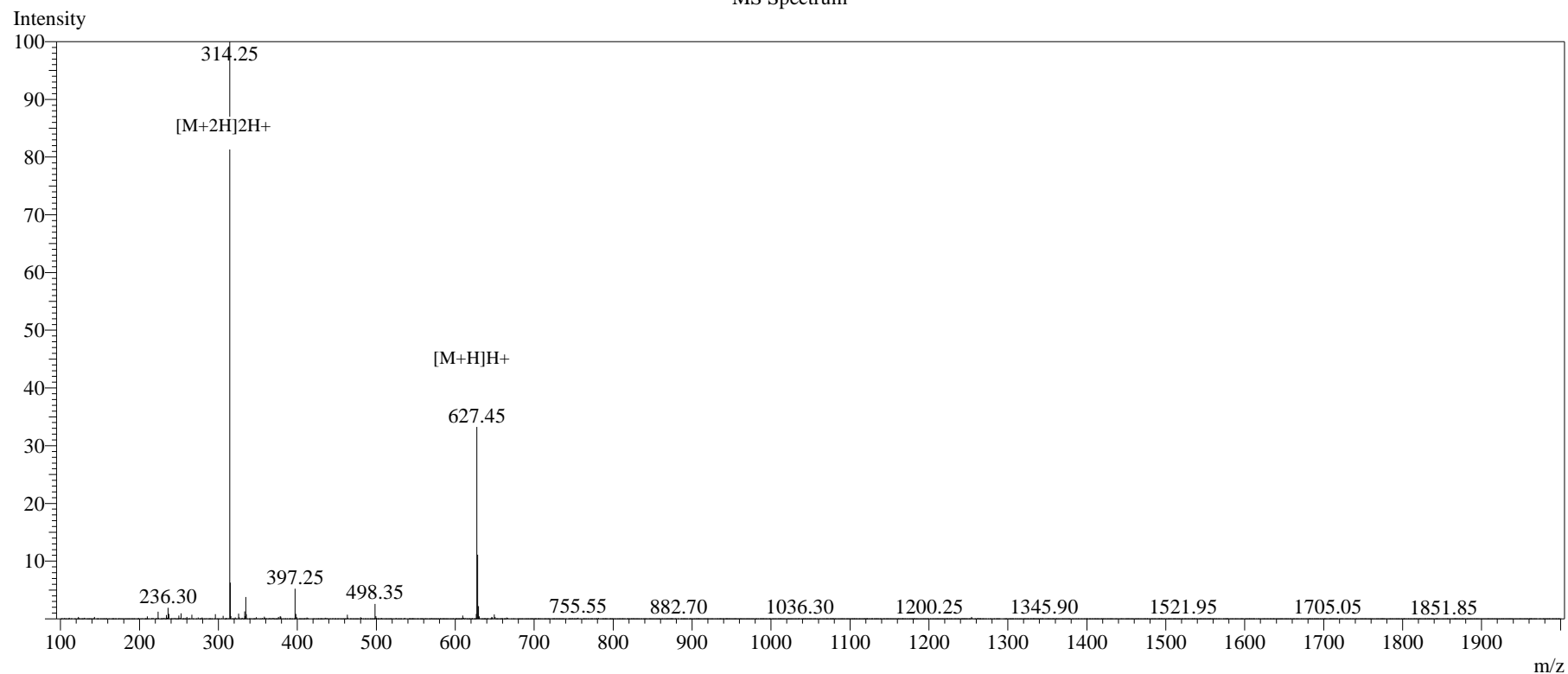


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	5.989	171687	11877	1.247
2	7.281	179369	8849	1.303
3	7.910	13191116	834975	95.809
4	8.313	34973	7231	0.254
5	9.012	21471	3033	0.156
6	10.238	136623	13636	0.992
7	10.753	24787	2029	0.180
8	11.336	5123	713	0.037
9	12.047	2930	427	0.021
Total		13768079	882771	100.000

## MS Spectrum



## Sample Information

Dissolution method	:15% ACN+85% H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/04/03 14:33:35	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 <sub>2</sub> O/50% MEOH

Order ID	:MTFA31111
Name	:H-Glu-Thr-Tyr-Ser-Lys-OH peptide
Sequence	:ETYSK
Lot.No	:MTFA31111-0314
Theoretical	:626.66
Observed	:626.50