

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Vasotocin [K8] peptide, Cat.#: 309411
<b>Lot No.</b>	MTFA31133-0320
<b>Sequence</b>	C*YIQNC*PKG-NH2
<b>Dissolution condition</b>	100%H2O
<b>Length</b>	9AA
<b>Modification</b>	C1-C6 disulfide bond
<b>Molecular Weight (MW)</b>	1022.23
<b>Storage</b>	-20°C

<b>Test Items</b>	<b>Specifications</b>	<b>Results</b>
<b>MW by MS</b>	1022.20	Conforms
<b>Purity by HPLC</b>	>95%	95.022%
<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>	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

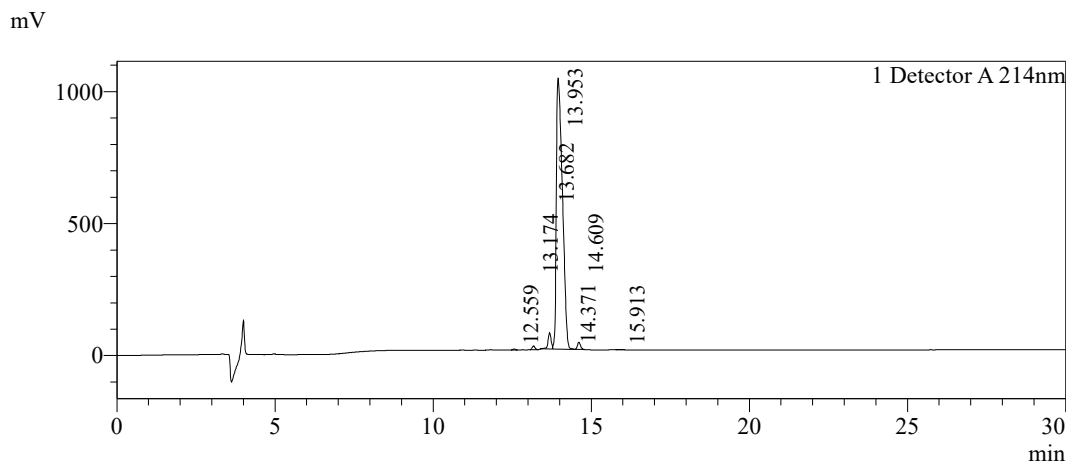
Apr/02/2024



### Sample Information

Order ID :MTFA31133  
 Name :Vasotocin [K8]  
 Sequence :C\*YIQNC\*PKG-NH2  
 Lot. No :MTFA31133-0320  
 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 :100%H2O  
 Inj. Volume : 25ul  
 Time Module Action Value  
 0.01 Pumps B.Conc 5  
 30.00 Pumps B.Conc 35  
 33.00 Pumps B.Conc 100  
 38.00 Pumps B.Conc 100  
 40.00 Pumps B.Conc 5  
 50.00 Controller Stop

### Chromatogram

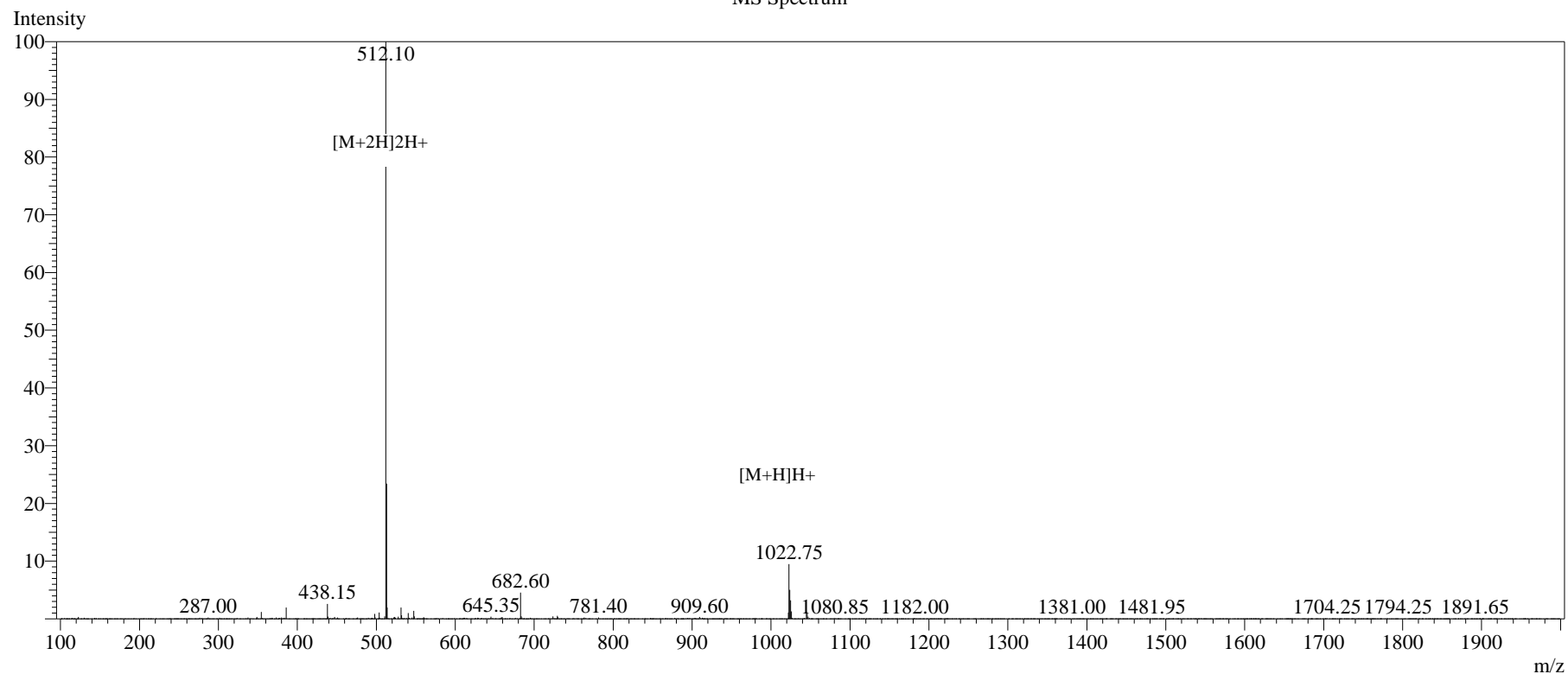


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	12.559	18607	3371	0.129
2	13.174	84408	13876	0.583
3	13.682	422269	61438	2.919
4	13.953	13747546	1025944	95.022
5	14.371	8597	2014	0.059
6	14.609	180878	27096	1.250
7	15.913	5459	779	0.038
Total		14467763	1134518	100.000

### MS Spectrum



### Sample Information

Dissolution method	:15% ACN+85% H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/04/01 10:02:06	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	:MTFA31133
Name	:Vasotocin [K8]
Sequence	:C*YIQNC*PKG-NH <sub>2</sub>
Lot.No	:MTFA31133-0320
Theoretical	:1022.23
Observed	:1022.20