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**CERTIFICATE OF ANALYSIS**

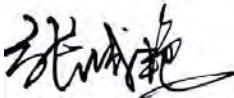
<b>Product Name</b>	Oxytocin peptide, Cat.#: 305063 (TFA removed)
<b>Lot No.</b>	MTFA30286-0717
<b>Sequence</b>	C*YIQNC*PLG-NH2 (Acetate Salt)
<b>Dissolution condition</b>	100%H2O
<b>Length</b>	9AA
<b>Modification</b>	acetate salt; disulfide bond
<b>Molecular Weight (MW)</b>	1007.19
<b>Storage</b>	-20°C

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<b>Test Items</b>	<b>Specifications</b>	<b>Results</b>
<b>MW by MS</b>	1006.39	Conforms
<b>Purity by HPLC</b>	>95%	95.099%
<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

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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

Aug/31/2023

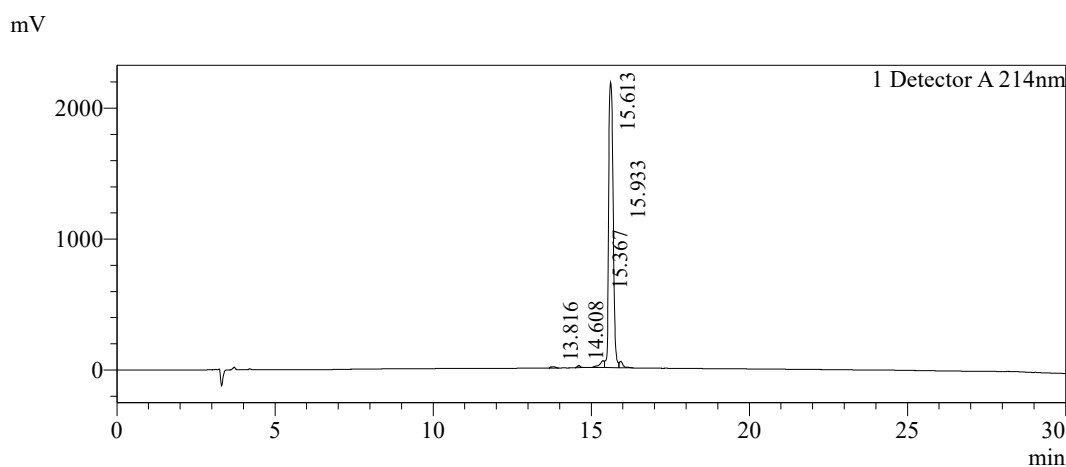


### Sample Information

Order ID :MTFA30286  
 Name :Oxytocin peptide  
 Sequence :C\*YIQNC\*PLG-NH2 (Acetate Salt)  
 Lot. No :MTFA30286-0717  
 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 :Shim-pack GIST C18(4.6\*250mm\*5um)  
 Dissolution method :100%H2O  
 Inj. Volume : 25ul

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

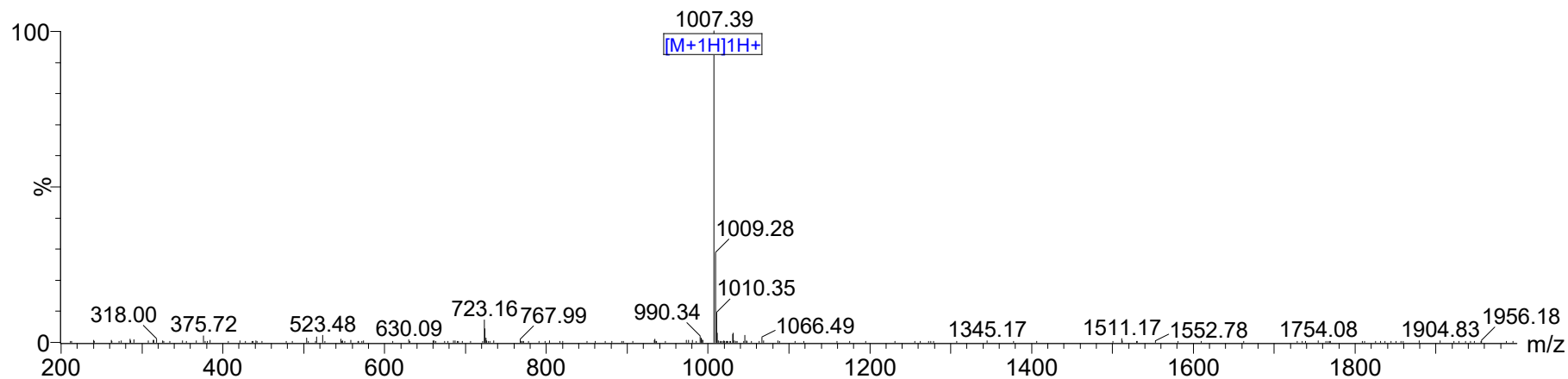


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	13.816	104199	9871	0.461
2	14.608	96246	15229	0.426
3	15.367	518824	50654	2.296
4	15.613	21486636	2178386	95.099
5	15.933	388152	47471	1.718
Total		22594057	2301613	100.000

## MS Spectrum

 Positive  
 Intensity


Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:8/31/2023 8:52:43	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%H2O/50%MEOH

Order ID	: MTF30286
Name	: Oxytocin peptide
Sequence	: C*YIQNC*PLG-NH2 (Acetate salt)
Lot.No	: MTF30286-0717
Theoretical	: 1007.19
Observed	: 1006.39