
CERTIFICATE OF ANALYSIS

Product Name	Oxytocin peptide (TFA removed), Cat.#: 311656
Lot No.	MTFA32326-1-0110
Sequence	C*YIQNC*PLG-NH2 (Acetate Salt)
Dissolution condition	100%H2O
Length	9AA
Modification	acetate salt; disulfide bond
Molecular Weight (MW)	1007.19
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1007.30	Conforms
Purity by HPLC	>95%	95.010%
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:



Quality Assurance Department

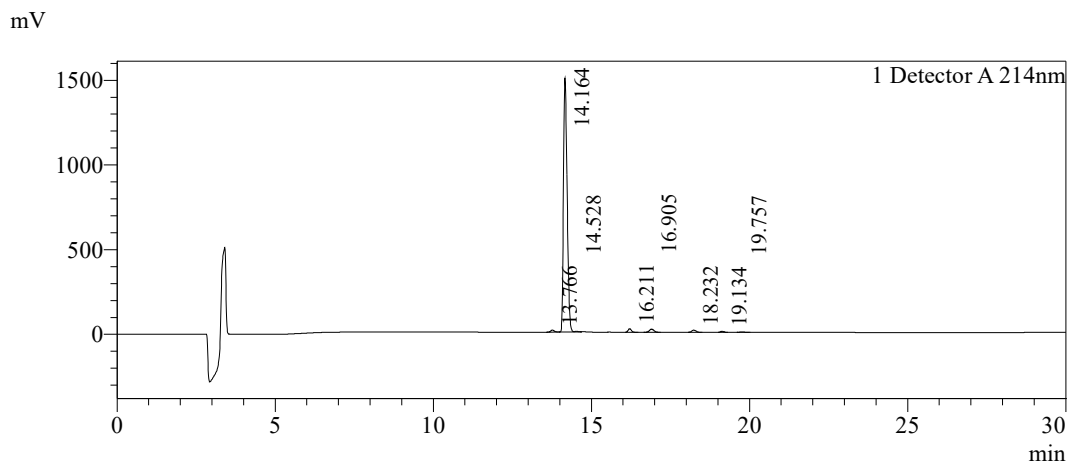
Feb/06/2025



Sample Information

Order ID	:MTFA32326-1		
Name	:Oxytocin		
Sequence	:C*YIQNC*PLG-NH2 (Acetate Salt)		
Lot. No	:MTFA32326-1-0110		
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	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

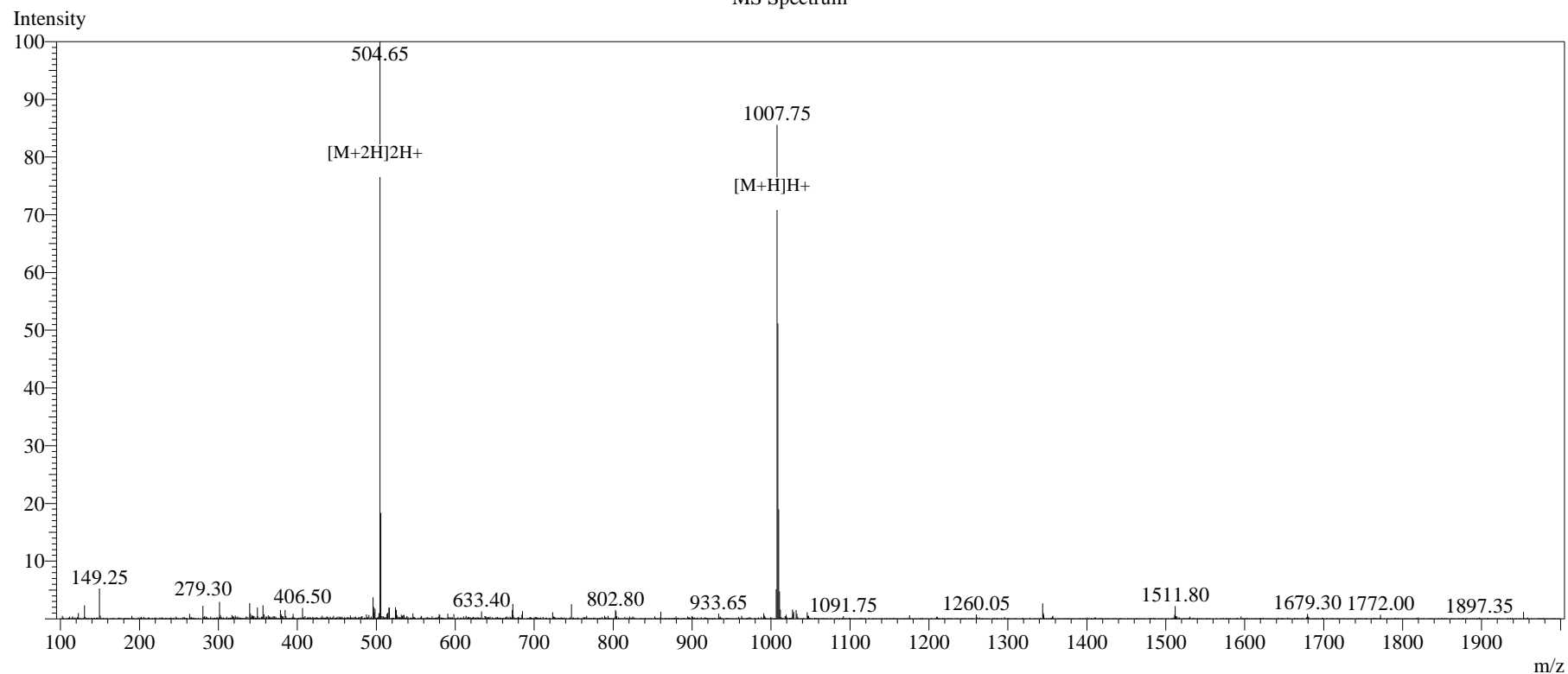


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	13.766	98419	12674	0.767
2	14.164	12191823	1498423	95.010
3	14.528	21681	3081	0.169
4	16.211	149860	21243	1.168
5	16.905	183630	18161	1.431
6	18.232	121858	12631	0.950
7	19.134	40689	5697	0.317
8	19.757	24204	2233	0.189
Total		12832164	1574142	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/01/17 11:22:49	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% H2O/50% MEOH
Order ID	:MTFA32326-1				
Name	:Oxytocin				
Sequence	:C*YIQNC*PLG-NH2 (Acetate Salt)				
Lot.No	:MTFA32326-1-0110				
Theoretical	:1007.19				
Observed	:1007.30				