

CERTIFICATE OF ANALYSIS

Product Name	Oxytocin, Cat.#: 305063
Lot No.	MTFB21060-260729
Sequence	C*YIQNC*PLG-NH2
Dissolution condition	20%ACN+80%H2O
Modification	Disulfide bond: Cys1-Cys6
Molecular Weight (MW)	1007.21
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1006.80	Conforms
Purity by HPLC	>95%	95.126%
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	20.0mg	5.0mg*4

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: 

Aug/03/2026

Quality Assurance Department

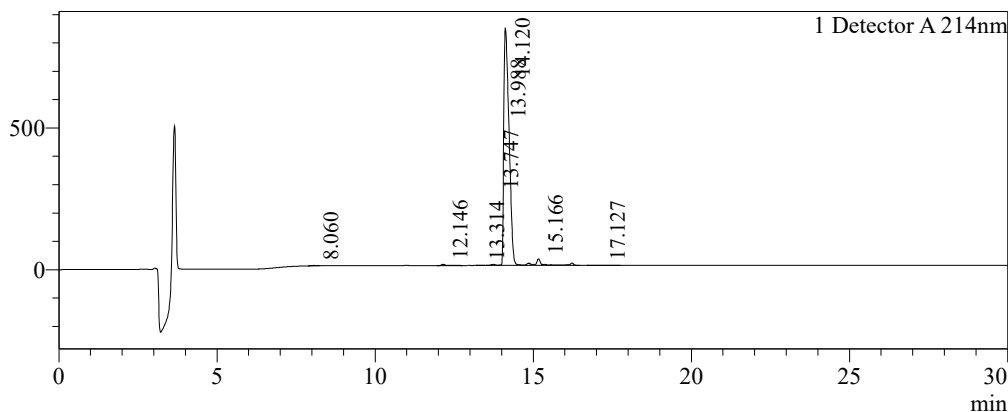


Sample Information

Order ID	:MTFB21060		
Name	:Oxytocin, Cat.#: 305063		
Sequence	:C*YIQNC*PLG-NH2		
Lot. No	:MTFB21060-260729		
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	:20%ACN+80%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

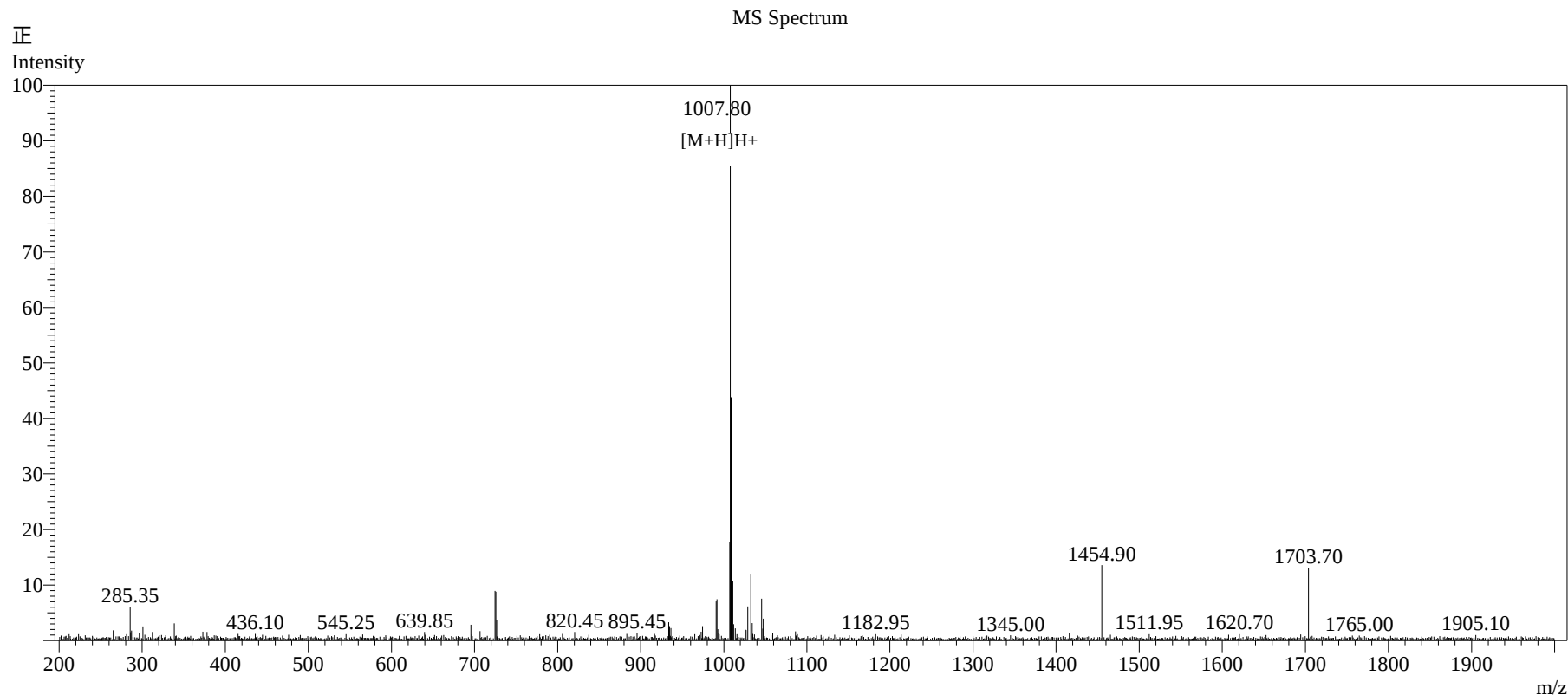
mV



Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	8.060	8776	1023	0.087
2	12.146	35400	4071	0.349
3	13.314	4398	732	0.043
4	13.747	31064	3653	0.306
5	13.988	4610	1501	0.045
6	14.120	9647614	835236	95.126
7	15.166	399392	23037	3.938
8	17.127	10725	463	0.106
Total		10141980	869716	100.000



Sample Information

Dissolution method	:20%ACN+80%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/07/30 11:31:18	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

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Theoretical	:1007.21
Observed	:1006.80