

CERTIFICATE OF ANALYSIS

Product Name	CT20p peptide, Cat.#: 319495
Lot No.	MTFA32836-250520
Sequence	Ac-VTIFVAGVLTASLTIWKKMG-NH2
Dissolution condition	15%ACN+85%H2O
Length	20AA
Modification	N/A
Molecular Weight (MW)	2176.68
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2176.80	Conforms
Purity by HPLC	>95%	95.734%
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	20mg	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:



May/26/2025

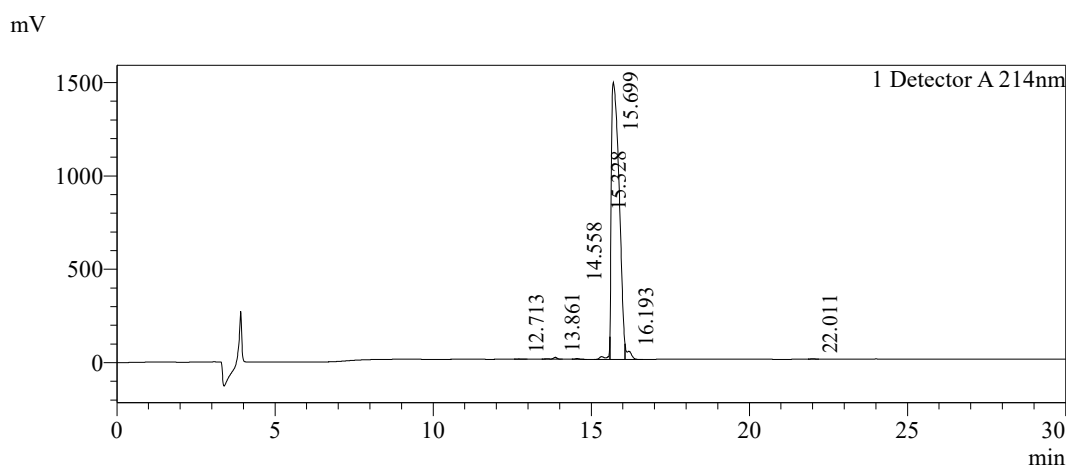
Quality Assurance Department



Sample Information

Order ID	:MTFA32836		
Name	:CT20p		
Sequence	:Ac-VTIFVAGVLTASLTIWKKMG-NH2		
Lot. No	:MTFA32836-250520		
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	:15%ACN+85%H2O		
Inj. Volume	: 25ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	35
30.00	Pumps	B.Conc	65
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	35
50.00	Controller	Stop	

Chromatogram

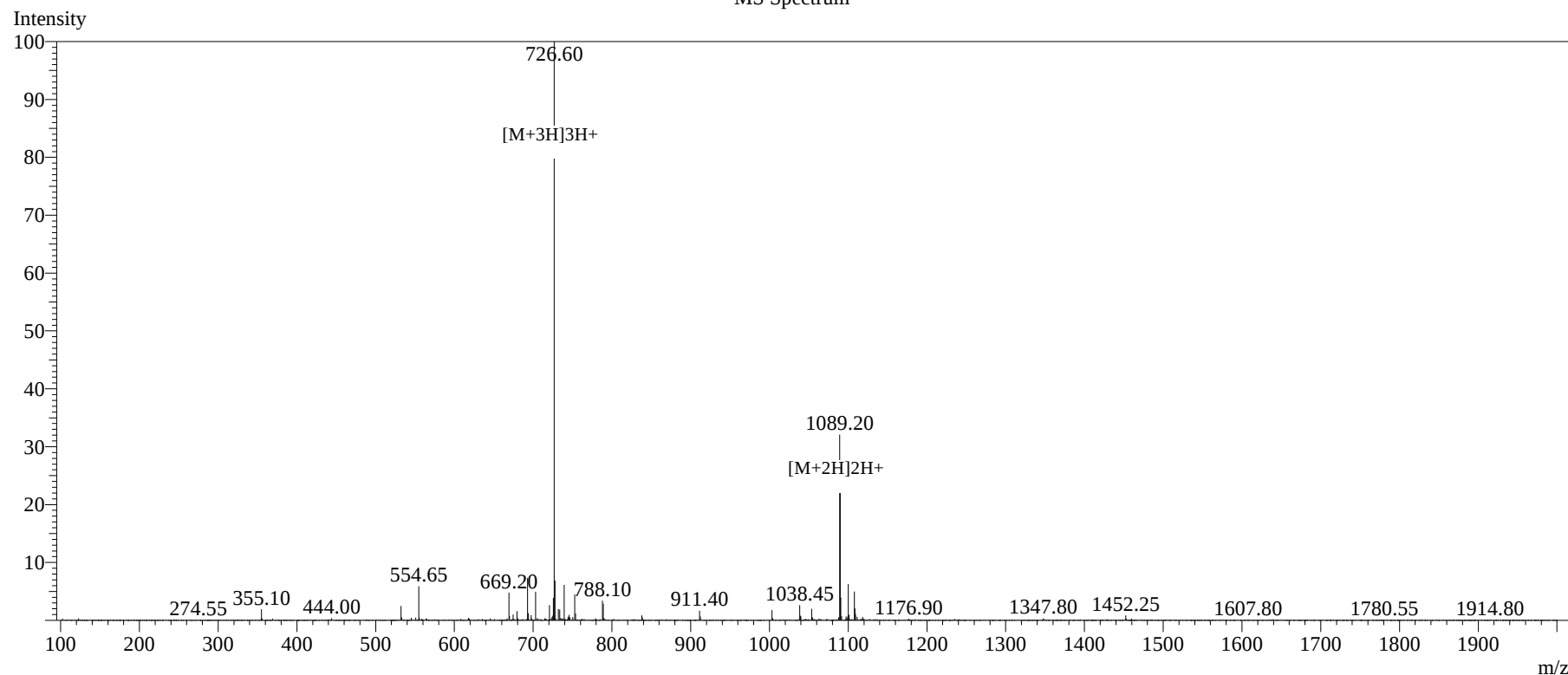


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	12.713	14475	1315	0.055
2	13.861	110657	10061	0.417
3	14.558	32767	3573	0.123
4	15.328	351399	14746	1.323
5	15.699	25423576	1484071	95.734
6	16.193	606123	43697	2.282
7	22.011	17543	2143	0.066
Total		26556541	1559607	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/05/22 09:53:50	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	:MTFA32836				
Name	:CT20p				
Sequence	:Ac-VTIFVAGVLTASLTIWKKMG-NH2				
Lot.No	:MTFA32836-250520				
Theoretical	:2176.68				
Observed	:2176.80				