


CERTIFICATE OF ANALYSIS

Product Name	Catestatin (human) peptide, Cat.#: 303867
Lot No.	GTA35042-0310
Sequence	SSMKLSFRARAYGFRGPGPQL
Dissolution condition	100%H2O
Length	21AA
Modification	n.a
Molecular Weight (MW)	2326.66
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2327.00	Conforms
Purity by HPLC	>95%	95.986%
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

Mar/15/2023

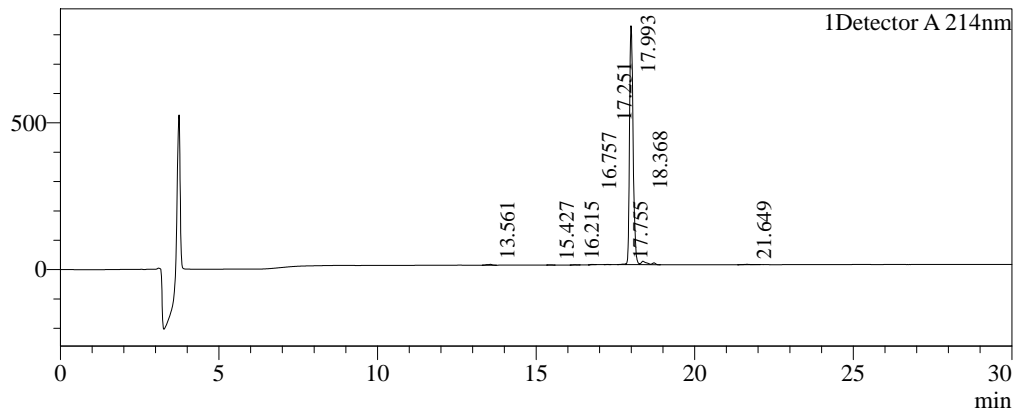


Sample Information

Order ID	:GTA35042		
Name	:Catestatin (human)		
Sequence	:SSMKLSFRARAYGFRGPGPQL(Acetate Salt)		
Lot. No	:GTA35042-0310		
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	:YMC-Triart 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

mV

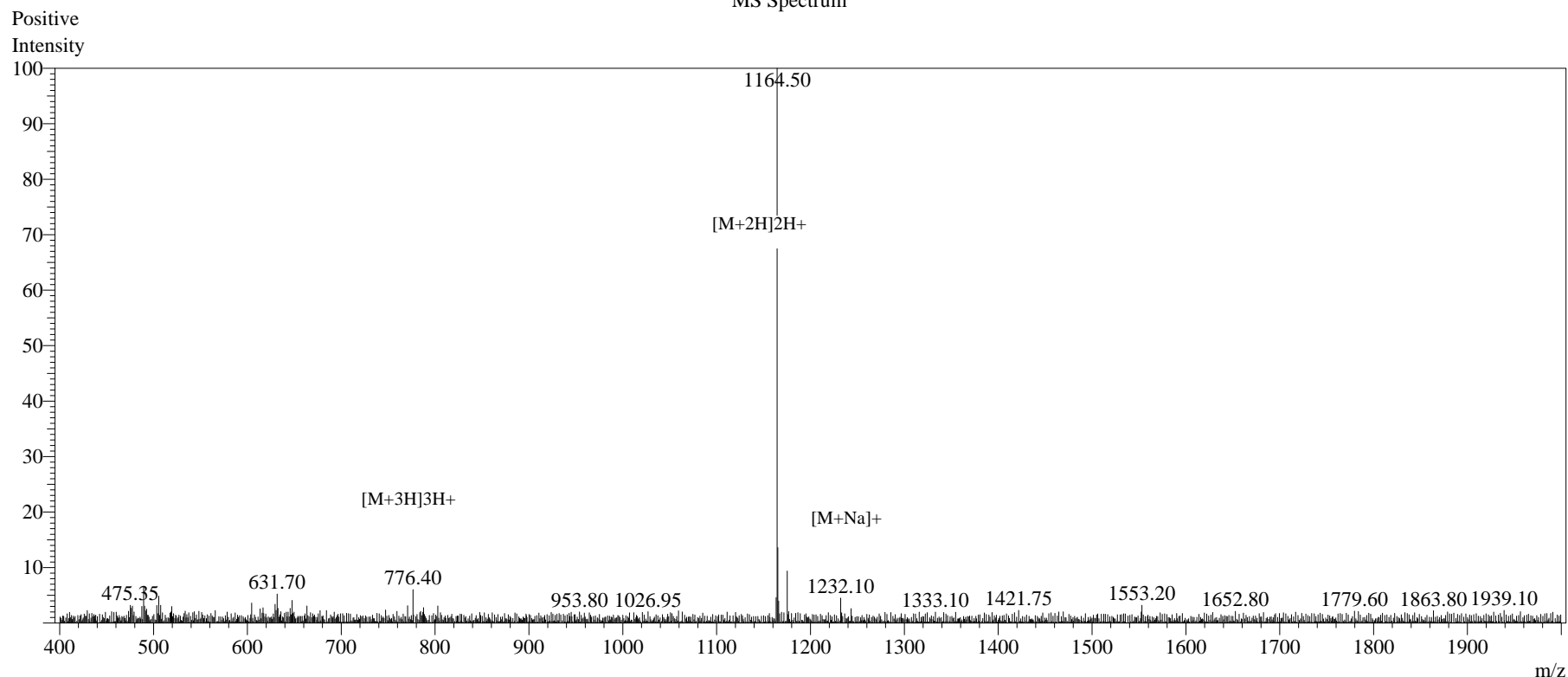


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	13.561	29994	2829	0.454
2	15.427	3829	579	0.058
3	16.215	5378	779	0.081
4	16.757	8971	1314	0.136
5	17.251	1236	202	0.019
6	17.755	14465	1780	0.219
7	17.993	6340355	813648	95.986
8	18.368	185798	11825	2.813
9	21.649	15495	1196	0.235
Total		6605520	834150	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/03/13 14:03:51	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% H ₂ O/50% MEOH

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Theoretical	:2326.66
Observed	:2327.00