


CERTIFICATE OF ANALYSIS

Product Name	CIGB-552 peptide Cat.#: 318849
Lot No.	GTA35041-0310
Sequence	Ac-HARIKpTFRRlKWYKGKFW
Dissolution condition	100%H ₂ O
Length	20AA
Modification	p=D-Pro, l=D-Leu, N-Acetylation
Molecular Weight (MW)	2689.23
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2689.60	Conforms
Purity by HPLC	>95%	96.164%
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	100mg	100.0mg

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

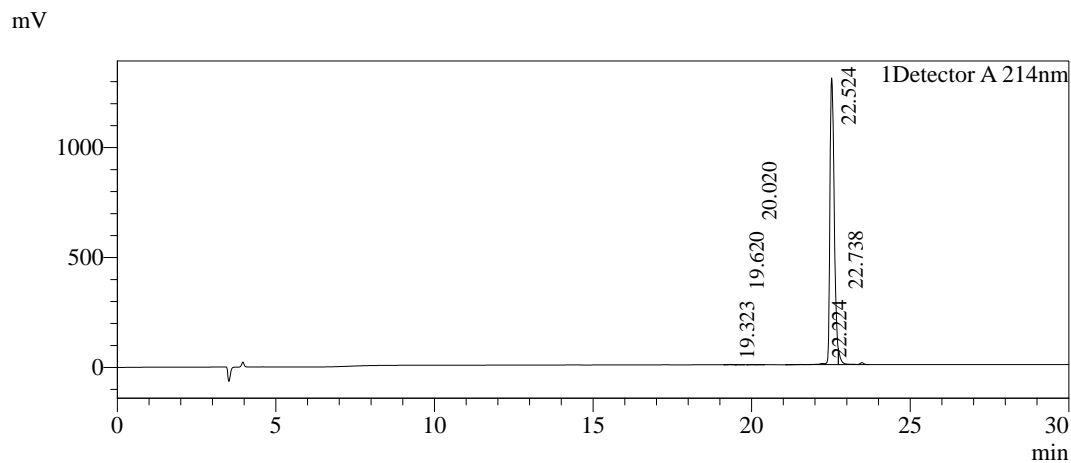
Mar/15/2023



Sample Information

Order ID	:GTA35041		
Name	:CIGB-552		
Sequence	:Ac-HARIKpTFRRIKWKYKGKFW		
Lot. No	:GTA35041-0310		
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% H ₂ O		
Inj. Volume	: 10ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	10
30.00	Pumps	B.Conc	40
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	10
50.00	Controller	Stop	

Chromatogram

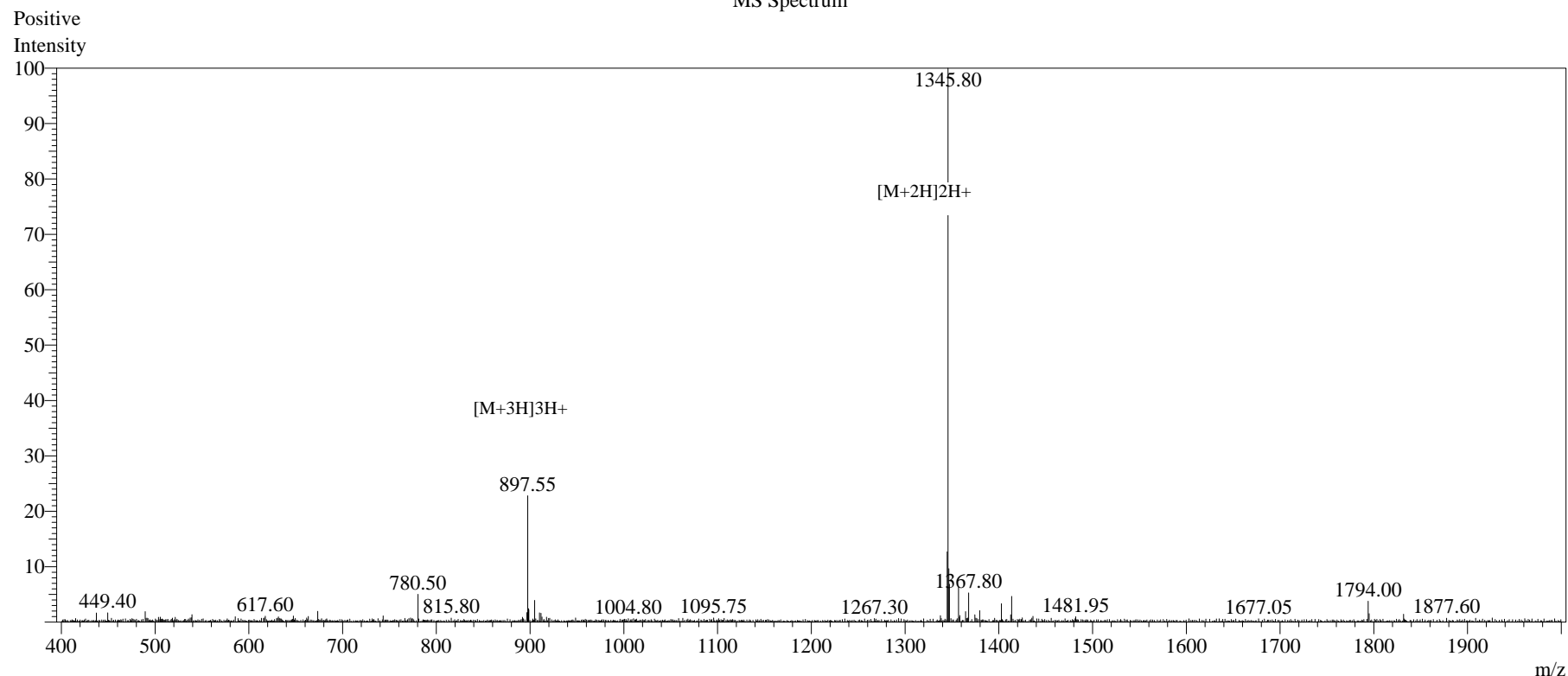


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	19.323	12164	1536	0.095
2	19.620	2172	319	0.017
3	20.020	3625	345	0.028
4	22.224	82183	5541	0.640
5	22.524	12355645	1304030	96.164
6	22.738	392687	72591	3.056
Total		12848476	1384362	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 14:01:15	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

Order ID	:GTA35041
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Lot.No	:GTA35041-0310
Theoretical	:2689.23
Observed	:2689.60

