

CERTIFICATE OF ANALYSIS

Product Name	Gastrin-17 peptide, Cat.#: 304329
Lot No.	MTFA30079-0413
Sequence	pGlu-GPWLEEEEEAAYGWMDF-NH2
Dissolution condition	100%H2O
Length	17AA
Modification	N/A
Molecular Weight (MW)	2040.17
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2040.22	Conforms
Purity by HPLC	>95%	95.324%
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:



Quality Assurance Department

May/31/2023

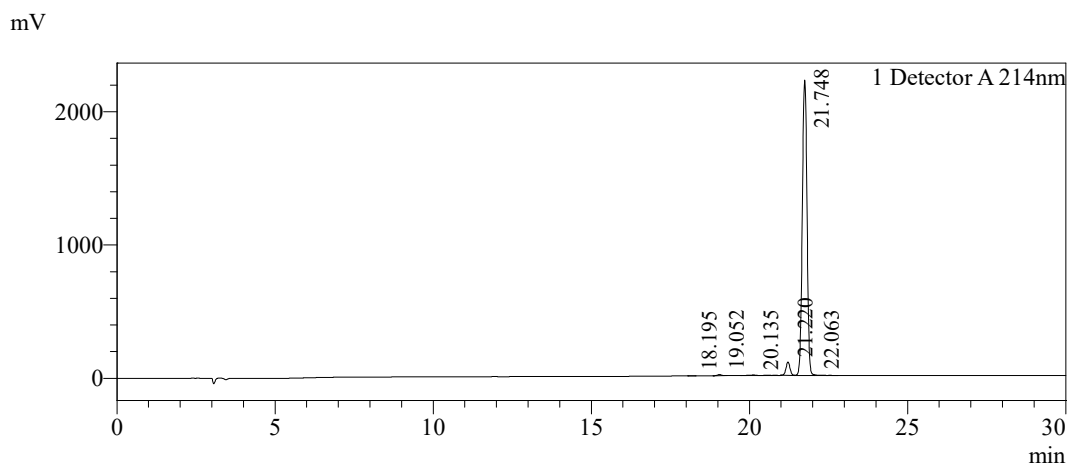


Sample Information

Order ID : MTF30079
 Name : Gastrin-17
 Sequence : pGlu-GPWLEEEEAAYGWMDf-NH2
 Lot. No : MTF30079-0413
 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 : Inertsil ODS-SP(4.6*250mm*5um)
 Dissolution method : 15% ACN+85% H2O
 Inj. Volume : 12ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	25
30.00	Pumps	B.Conc	55
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	25
50.00	Controller	Stop	

Chromatogram



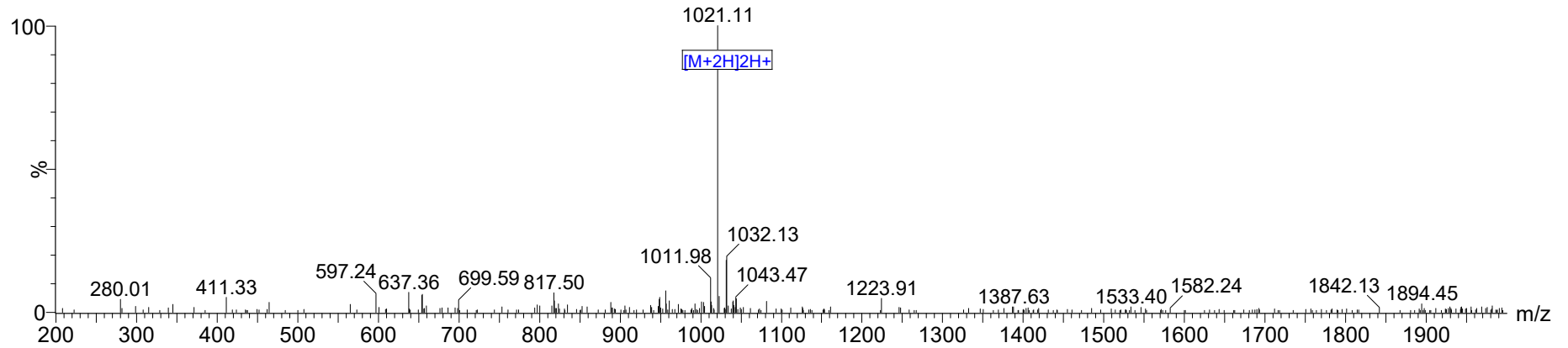
Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	18.195	4886	657	0.020
2	19.052	72766	8671	0.304
3	20.135	101563	3688	0.424
4	21.220	883381	100577	3.686
5	21.748	22847982	2215472	95.324
6	22.063	58162	4767	0.243
Total		23968739	2333832	100.000

MS Spectrum

Positive Intensity



Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:5/31/2023 6:47:48	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%H2O/50%MEOH

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 Theoretical : 2040.17
 Observed : 2040.22