

CERTIFICATE OF ANALYSIS

Product Name	Gastrin-34 peptide, Cat.#: 316058
Lot No.	MTFA30032-0322
Sequence	Glp-LGPQGPPHLVADPSKKQGPWLEEEEEAYGWMDF-NH2
Dissolution condition	100%H2O
Length	34AA
Modification	N/A
Molecular Weight (MW)	3867.21
Storage	-20°C

Test Items	Specifications	Results
MW by MS	3849.20	Conforms
Purity by HPLC	95.0%	96.663%
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

Apr/25/2023



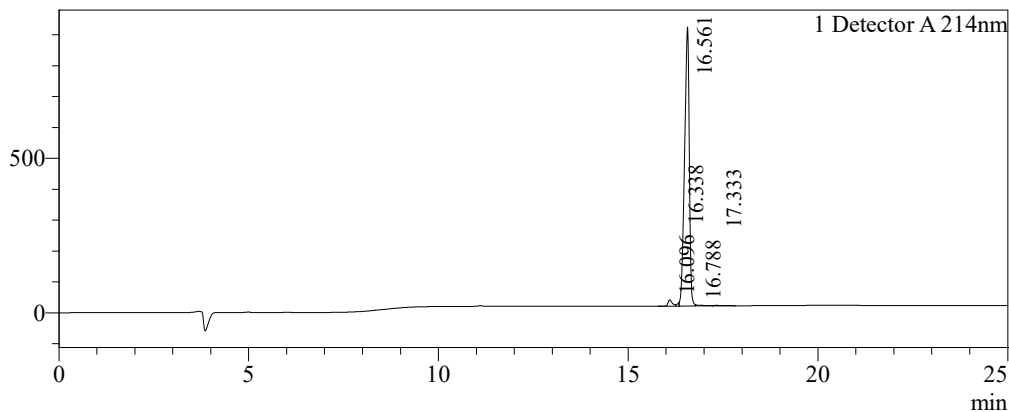
Sample Information

Order ID :MTFA30032
 Name :Gastrin-34 peptide
 Sequence :Glp-LGPQGPPHLVADPSKK
 QGPWLEEEEEAYGWMDF-NH2
 Lot. No :MTFA30032-0322
 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 :Shim-pack GIST C18(4.6*250mm*5um)
 Dissolution method :100%H2O
 Inj. Volume : 25ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	20
25.00	Pumps	B.Conc	45
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	20
50.00	Controller	Stop	

Chromatogram

mV



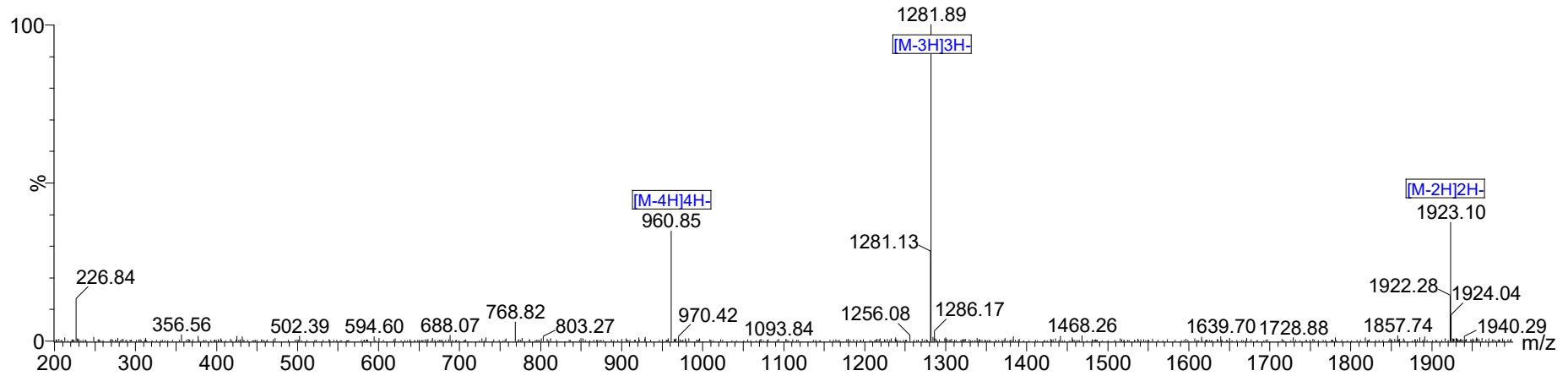
Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	16.096	158736	20483	1.980
2	16.338	40337	10726	0.503
3	16.561	7750076	903040	96.663
4	16.788	45470	3879	0.567
5	17.333	22963	1820	0.286
Total		8017583	939948	100.000

MS Spectrum

Positive Intensity



Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/4/25 9:44:55	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

Order ID : MTF30032
 Name : Gastrin-34 peptide
 Sequence : Glp-LGPQGPPHLVADPSKKQGPWLEEEEEAYGWMDf-NH2
 Lot.No : MTF30032-0322
 Theoretical : 3849.20
 Observed : 3848.67