

CERTIFICATE OF ANALYSIS

Product Name	H-Arg-Gly-Glu-Ser-OH peptide, Cat.#: 313189
Lot No.	MTFA30033-0322
Sequence	RGES
Dissolution condition	100%H ₂ O
Length	4AA
Modification	N/A
Molecular Weight (MW)	447.44
Storage	-20°C

Test Items	Specifications	Results
MW by MS	447.48	Conforms
Purity by HPLC	>95%	98.353%
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

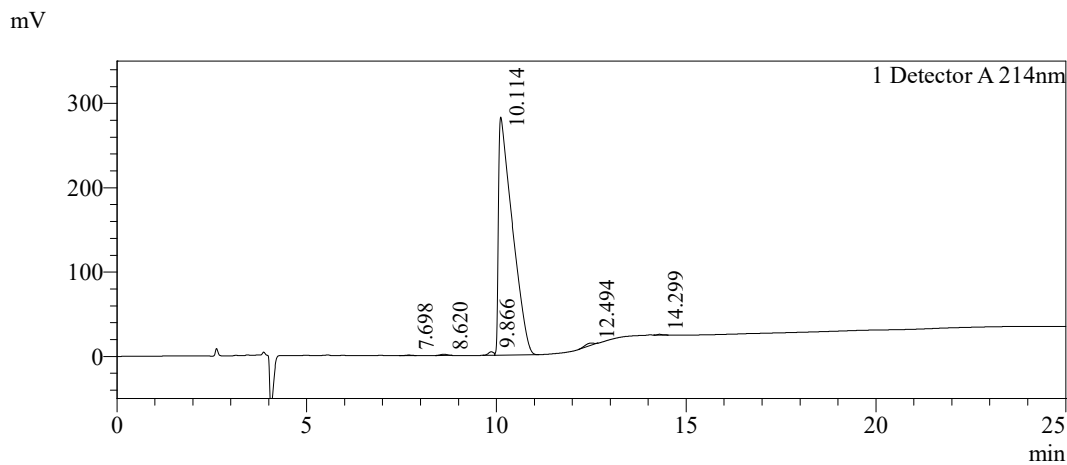


Sample Information

Order ID : MTF30033
 Name : H-Arg-Gly-Glu-Ser-OH peptide, Cat.#: 313189
 Sequence : RGES
 Lot. No : MTF30033-0322
 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 : 20ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	0.1
25.00	Pumps	B.Conc	25
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	0.1
50.00	Controller	Stop	

Chromatogram

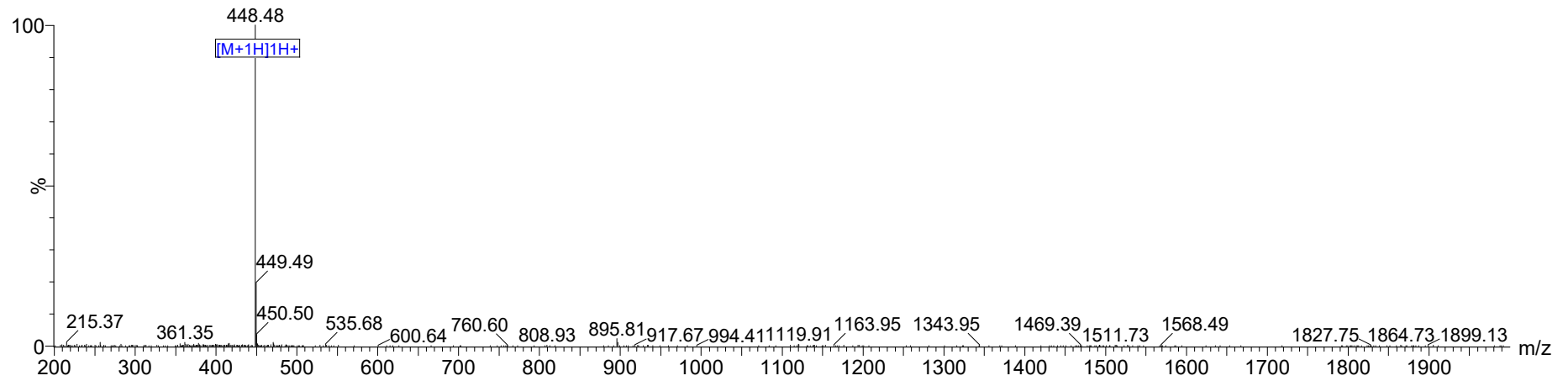


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	7.698	5302	541	0.072
2	8.620	17224	1393	0.235
3	9.866	39721	4163	0.542
4	10.114	7213602	282337	98.353
5	12.494	51372	2725	0.700
6	14.299	7203	909	0.098
Total		7334425	292069	100.000

MS Spectrum

 Positive
 Intensity


Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/4/25 23:13:00	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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Sequence	: RGE
Lot.No	: MTF30033-0322
Theoretical	: 447.44
Observed	: 447.48