

CERTIFICATE OF ANALYSIS

Product Name	G-R-G-D-T-P peptide, Cat.#: 314820
Lot No.	MTFA30027-0321
Sequence	GRGDTP
Dissolution condition	15%ACN+85%H2O
Length	6AA
Modification	N/A
Molecular Weight (MW)	601.61
Storage	-20°C

Test Items	Specifications	Results
MW by MS	601.65	Conforms
Purity by HPLC	>95%	98.22%
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

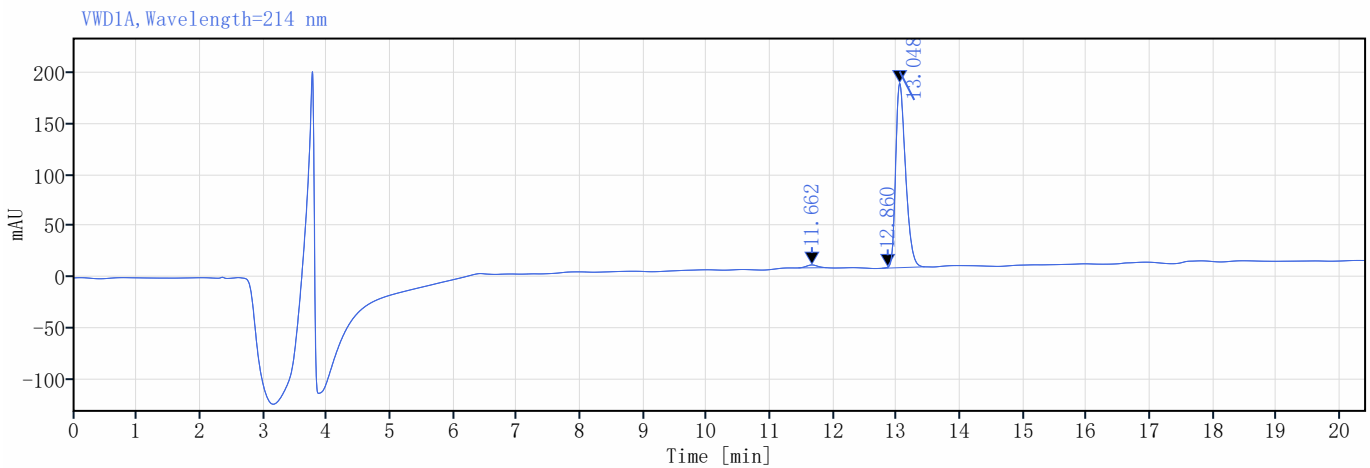
Apr/14/2023



Sample Information

Order ID : MTF A30027
 Name : G-R-G-D-T-P peptide, Cat.#: 314820
 Sequence : GRGDTP
 Lot. No : MTF A30027-0321
 Pump A : 0.1% Trifluoroacetic in 100% water
 Pump B : 0.1% Trifluoroacetic in 100% acetonitrile
 Total Flow : 1 ml/min
 Wavelength : 214 nm
 Analytical column type : Shim-pack GIST C18(4.6*250mm*5um)
 Dissolution method : 100% H₂O
 Inj. Volume : 30 ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	20
30.00	Pumps	B.Conc	50
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	20
50.00	Controller	Stop	

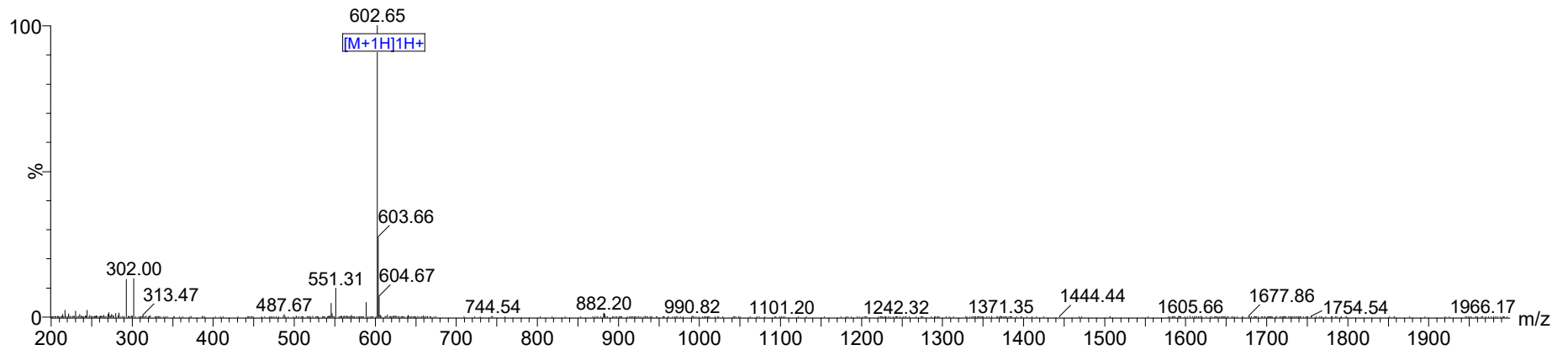


Peak Table

Detector A 214nm

Peak (min)	Ret. Time	Area	Height	Area%
0.19	11.662	34.11	2.81	1.71
0.03	12.860	1.49	0.88	0.07
0.17	13.048	1959.96	181.15	98.22
	in total	1995.56		

MS Spectrum

 Positive
 Intensity


Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/3/13 23:49:15	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%H2O/50%MEOH

Order ID	: MTF30027
Name	: G-R-G-D-T-P peptide, Cat.#: 314820
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Lot.No	: MTF30027-0321
Theoretical	: 601.61
Observed	: 601.65