

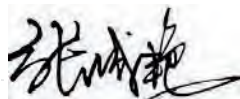
CERTIFICATE OF ANALYSIS

Product Name	c(RGDyK) Cat.#: 318724
Lot No.	MTFA30685-1109
Sequence	c(RGDyK)
Dissolution condition	100%H ₂ O
Length	5AA
Modification	N/A
Molecular Weight (MW)	619.68
Storage	-20°C

Test Items	Specifications	Results
MW by MS	619.60	Conforms
Purity by HPLC	>95%	95.065%
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	200mg	200.0mg

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

Nov/14/2023

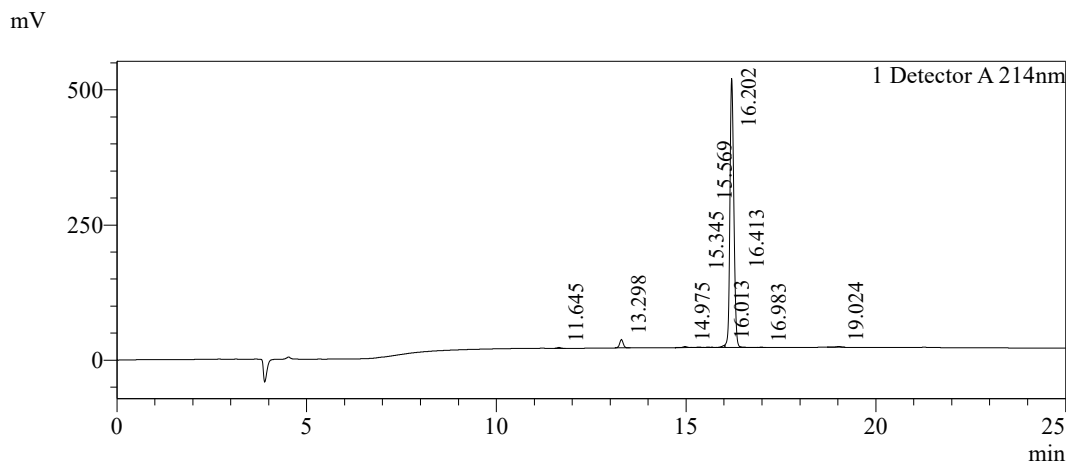


Sample Information

Order ID :MTFA30685
 Name :c(RGDyK)
 Sequence :c(RGDyK)
 Lot. No :MTFA30685-1109
 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 :Phenomenex Luna® 5 µm C18(2) (4.6*250mm*5 µm)
 Dissolution method :100%H2O
 Inj. Volume : 10ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	5
25.00	Pumps	B.Conc	30
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	5
50.00	Controller	Stop	

Chromatogram

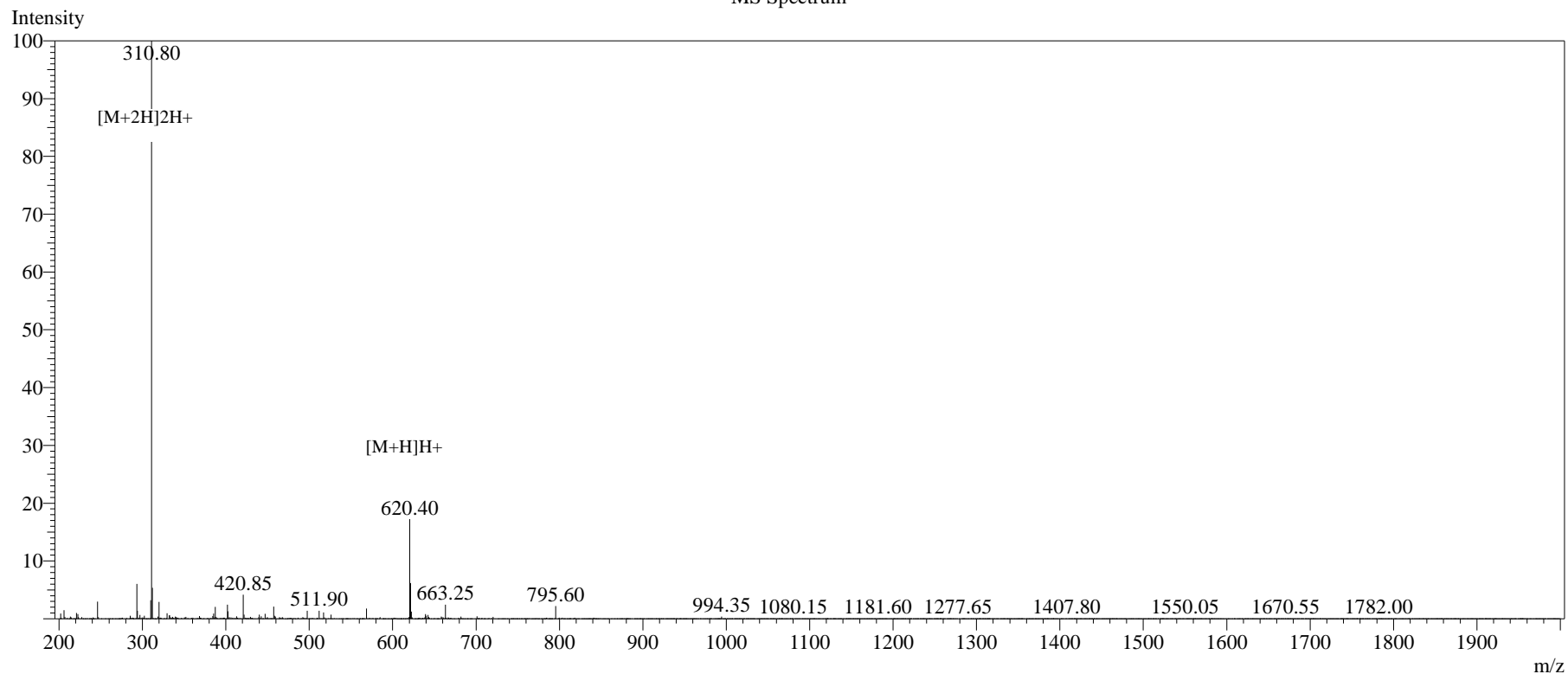


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	11.645	9182	1527	0.248
2	13.298	101906	15527	2.755
3	14.975	16606	1833	0.449
4	15.345	5502	721	0.149
5	15.569	3857	380	0.104
6	16.013	20996	3683	0.568
7	16.202	3516725	497923	95.065
8	16.413	8559	1853	0.231
9	16.983	2362	376	0.064
10	19.024	13590	1482	0.367
Total		3699286	525306	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/11/10 17:20:05	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Injection Volume	:0.2ul	CDL Temp	:250°C	T.Flow	:0.2ml/min
Block Temp	:200	CDL Volt	:0v	B.conc	:50% H ₂ O/50% MEOH

Order ID	:MTFA30685
Name	:c(RGDyK)
Sequence	:c(RGDyK)
Lot.No	:MTFA30685-1109
Theoretical	:619.68
Observed	:619.60