

CERTIFICATE OF ANALYSIS

Product Name	Cyclo(-Arg-Gly-Asp-D-Tyr-Cys) Cat.#: 318725
Lot No.	MTFA30727-1123
Sequence	c(RGDyC)
Dissolution condition	100%H2O
Length	5AA
Modification	N/A
Molecular Weight (MW)	594.65
Storage	-20°C

Test Items	Specifications	Results
MW by MS	594.35	Conforms
Purity by HPLC	>95%	95.013%
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	500mg	500.0mg

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:



Nov/28/2023

Quality Assurance Department

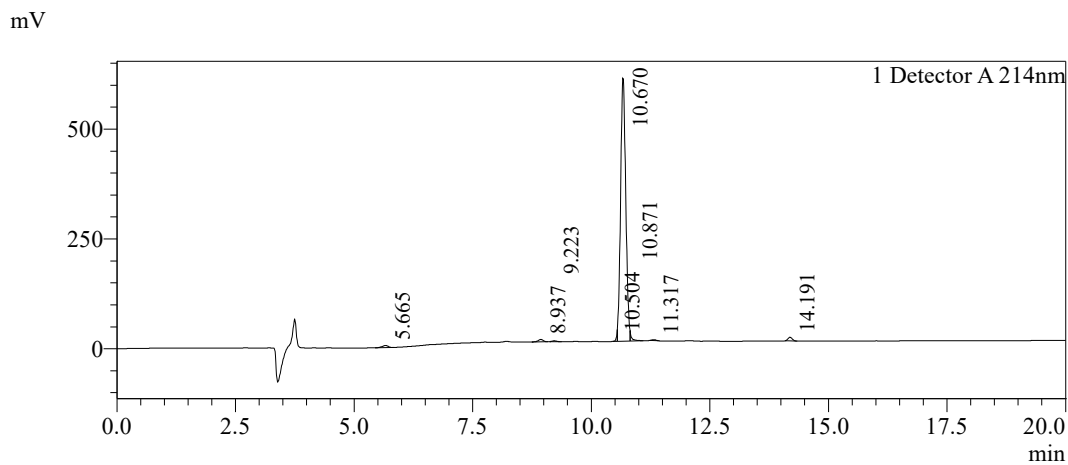


Sample Information

Order ID :MTFA30727
 Name :Cyclo(-Arg-Gly-Asp-D-Tyr-Cys)
 Sequence :c(RGDyC)
 Lot. No :MTFA30727-1123
 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	10
20.00	Pumps	B.Conc	30
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	10
50.00	Controller	Stop	

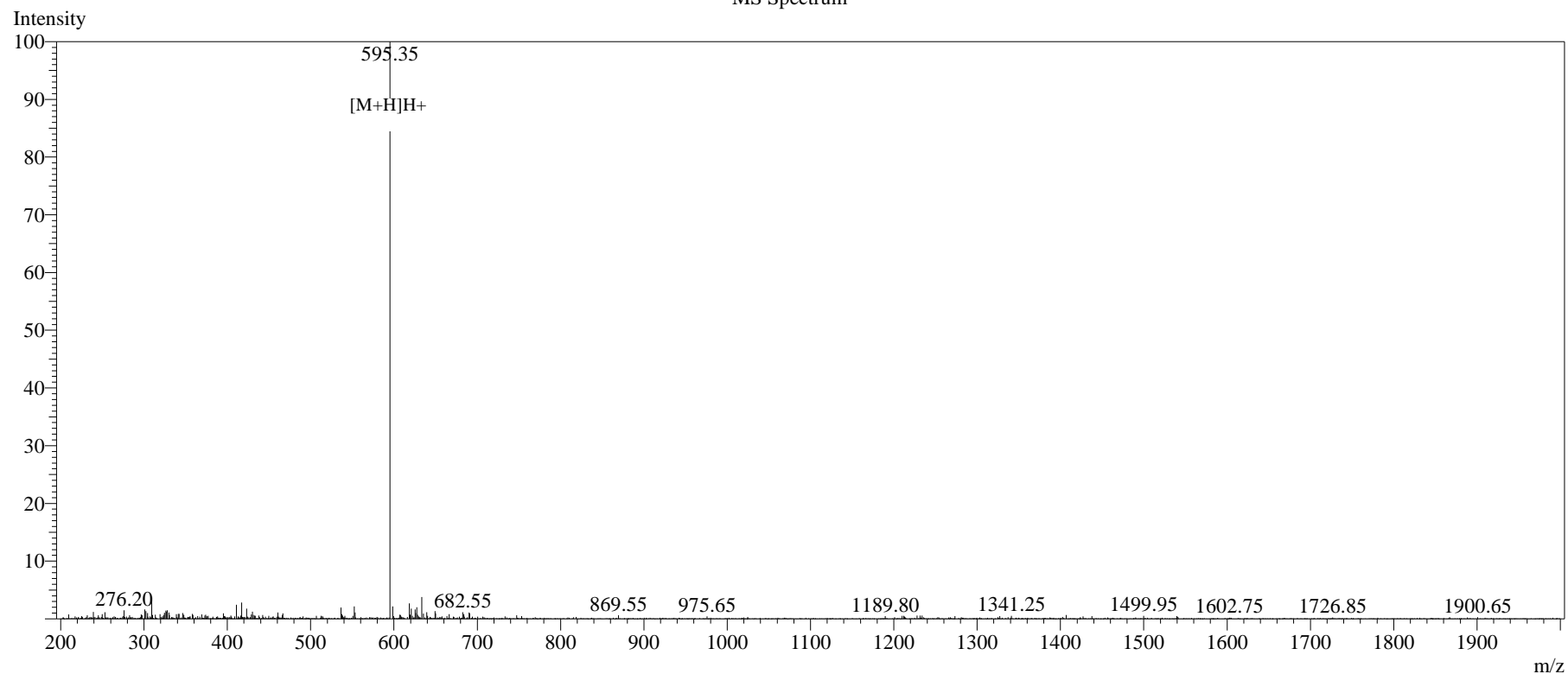
Chromatogram



Peak Table

Detector A 214nm				
Peak#	Ret. Time	Area	Height	Area%
1	5.665	43647	4959	0.914
2	8.937	36783	5157	0.771
3	9.223	12787	1944	0.268
4	10.504	37736	1649	0.791
5	10.670	4535471	598466	95.013
6	10.871	45209	4856	0.947
7	11.317	11914	2093	0.250
8	14.191	49969	8089	1.047
Total		4773515	627212	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/11/27 15:55:28	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%H2O/50%MEOH

Order ID	:MTFA30727
Name	:Cyclo(-Arg-Gly-Asp-D-Tyr-Cys)
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Lot.No	:MTFA30727-1123
Theoretical	:594.65
Observed	:594.35