

CERTIFICATE OF ANALYSIS

Product Name	RADA16 peptide, Cat.#: 319355
Lot No.	MTFA30506-0921
Sequence	Ac-RARADADARARADADA-NH2
Dissolution condition	100%H2O
Length	16AA
Modification	N/A
Molecular Weight (MW)	1712.73
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1712.20	Conforms
Purity by HPLC	>90%	90.875%
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:



Oct/23/2023

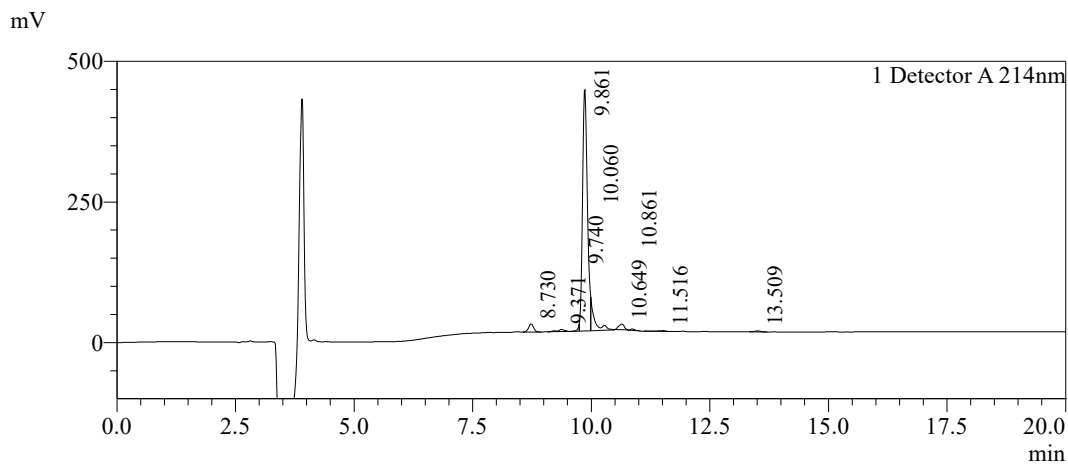


Sample Information

Order ID :MTFA30506
 Name :RADA16 peptide
 Sequence :Ac-RARADADARARADADA-NH2
 Lot. No :MTFA30506-0921
 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 : 30ul

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

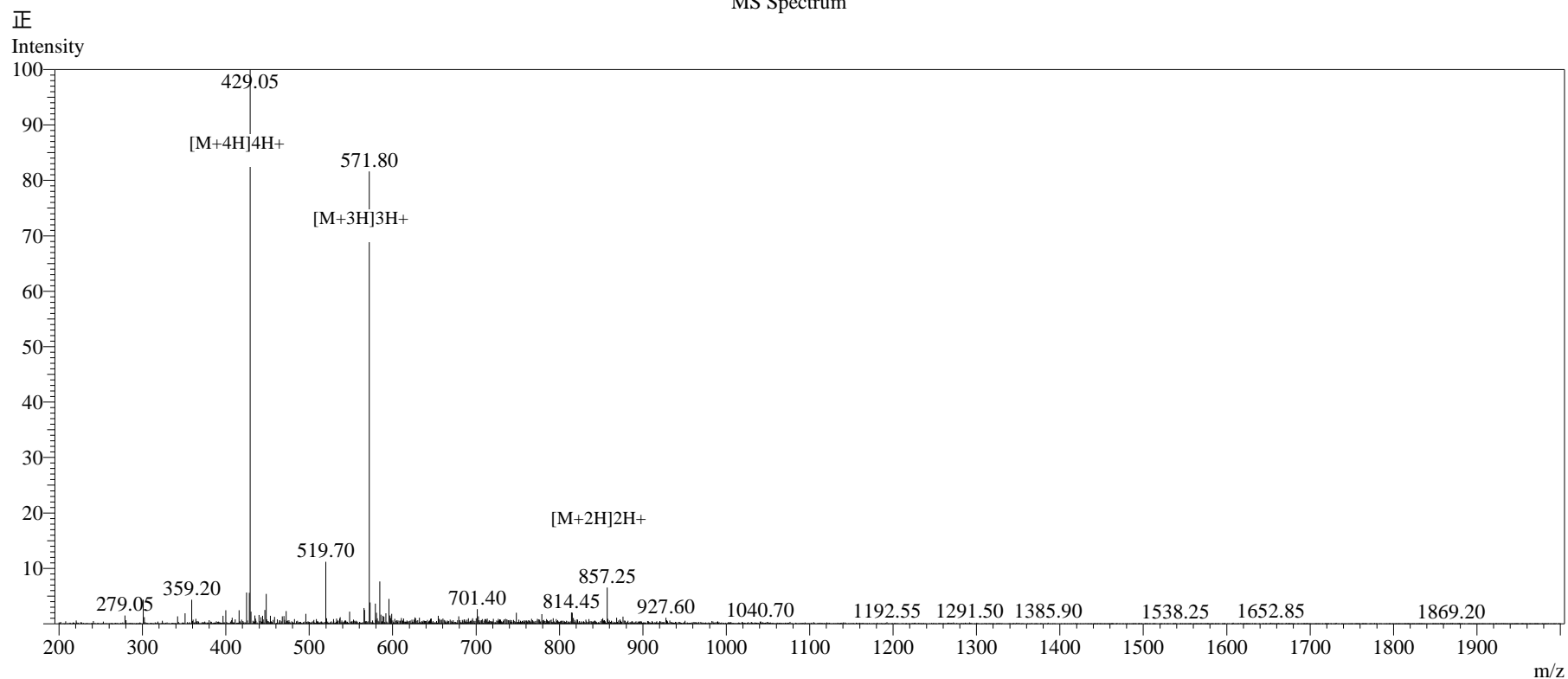


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	8.730	103449	14268	2.324
2	9.371	41375	3566	0.929
3	9.740	26425	7159	0.594
4	9.861	4045968	429087	90.875
5	10.060	98737	25861	2.218
6	10.649	84814	10382	1.905
7	10.861	14568	2430	0.327
8	11.516	21438	1593	0.482
9	13.509	15452	1776	0.347
Total		4452226	496121	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/10/12 10:43:54	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

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Name	:RADA16 peptide
Sequence	:Ac-RARADADARARADADA-NH ₂
Lot.No	:MTFA30506-0921
Theoretical	:1712.73
Observed	:1712.20