

CERTIFICATE OF ANALYSIS

Product Name	LANA peptide, Cat.#: 319154
Lot No.	MTFA32033-1-1031
Sequence	MAPPGMRLRSGRSTGAPLTRGSC
Dissolution condition	100%H2O
Length	23AA
Modification	N/A
Molecular Weight (MW)	2359.73
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2359.80	Conforms
Purity by HPLC	>95%	95.277%
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

Nov/14/2024

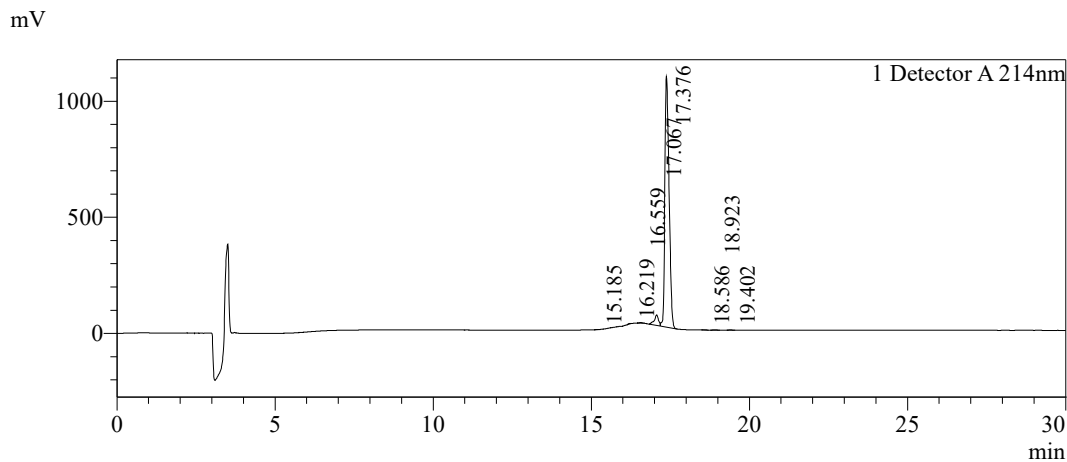


Sample Information

Order ID :MTFA32033-1
 Name :LANA peptide
 Sequence :MAPPGMRLRSGRSTGAPLTRGSC
 Lot. No :MTFA32033-1-1031
 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 :Kromasil 100-5-C18 (4.6*250mm*5 µm)
 Dissolution method :100%H2O
 Inj. Volume : 25ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	10
30.00	Pumps	B.Conc	40
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	10
50.00	Controller	Stop	

Chromatogram

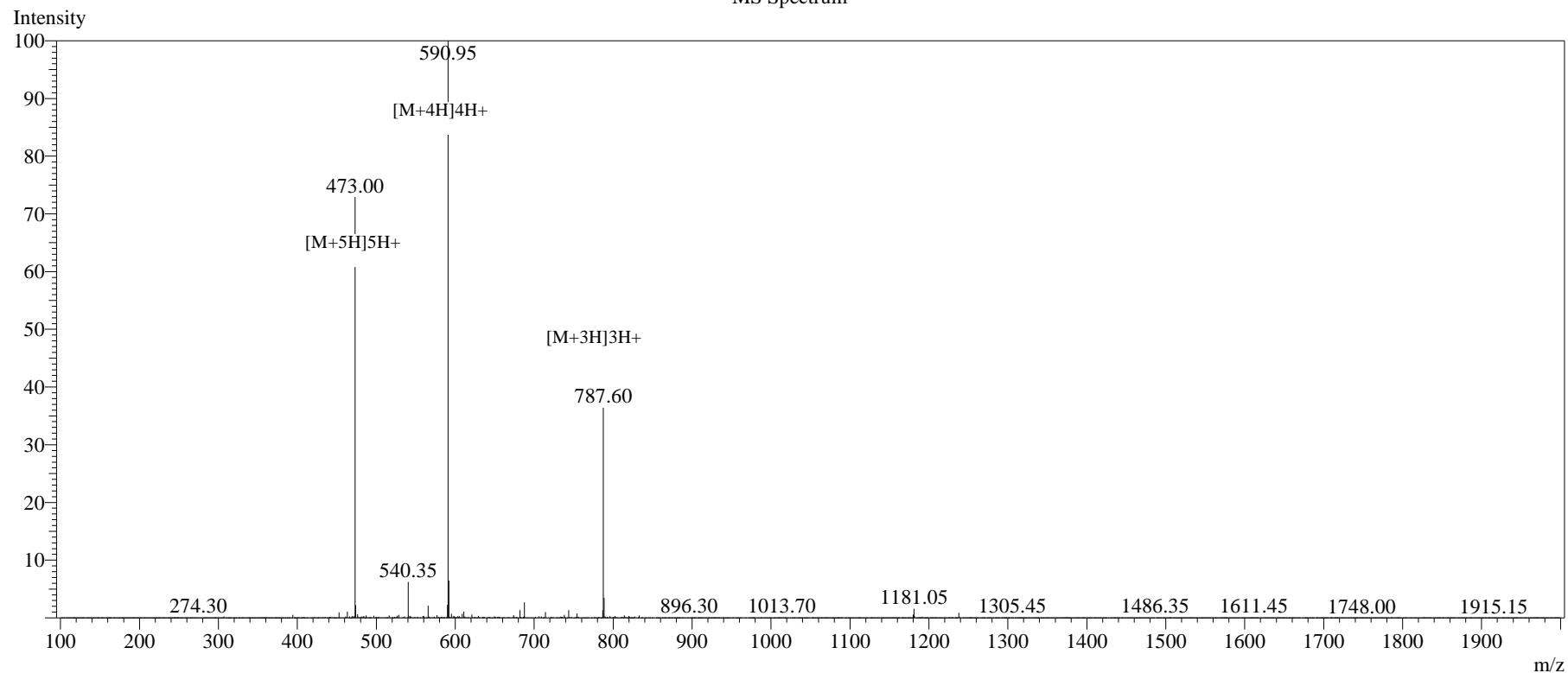


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	15.185	4692	830	0.044
2	16.219	17917	2970	0.170
3	16.559	14696	2359	0.139
4	17.067	431881	45329	4.091
5	17.376	10057855	1078337	95.277
6	18.586	7816	1293	0.074
7	18.923	11385	1302	0.108
8	19.402	10236	1539	0.097
Total		10556478	1133958	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/11/13 16:30:34	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	:MTFA32033-1
Name	:LANA peptide
Sequence	:MAPPGMRLRSGRSTGAPLTRGSC
Lot.No	:MTFA32033-1-1031
Theoretical	:2359.73
Observed	:2359.80