

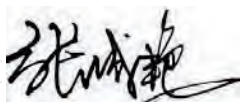
CERTIFICATE OF ANALYSIS

Product Name	TAT-ANK peptide (Cat.#: 319092)
Lot No.	MTFA30798-1211
Sequence	YGRKKRRQRRRQTLQAELLVVYGA
Dissolution condition	100%H ₂ O
Length	24AA
Modification	N/A
Molecular Weight (MW)	2946.42
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2947.25	Conforms
Purity by HPLC	>95%	96.004%
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	20mg	5.0mg*4

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

Jan/04/2024



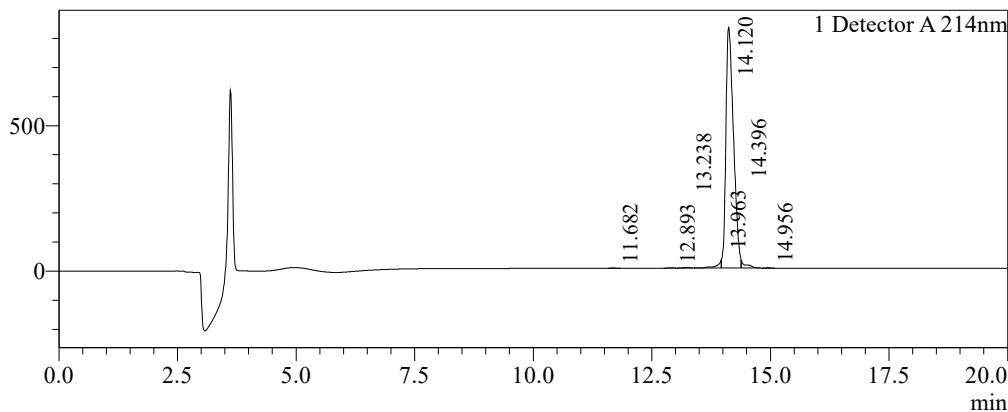
Sample Information

Order ID :MTFA30798
 Name :TAT-ANK peptide
 Sequence :YGRKKRRQRRRQTLQAELLVYGA
 Lot. No :MTFA30798-1211
 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	20
20.00	Pumps	B.Conc	40
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	20
50.00	Controller	Stop	

Chromatogram

mV

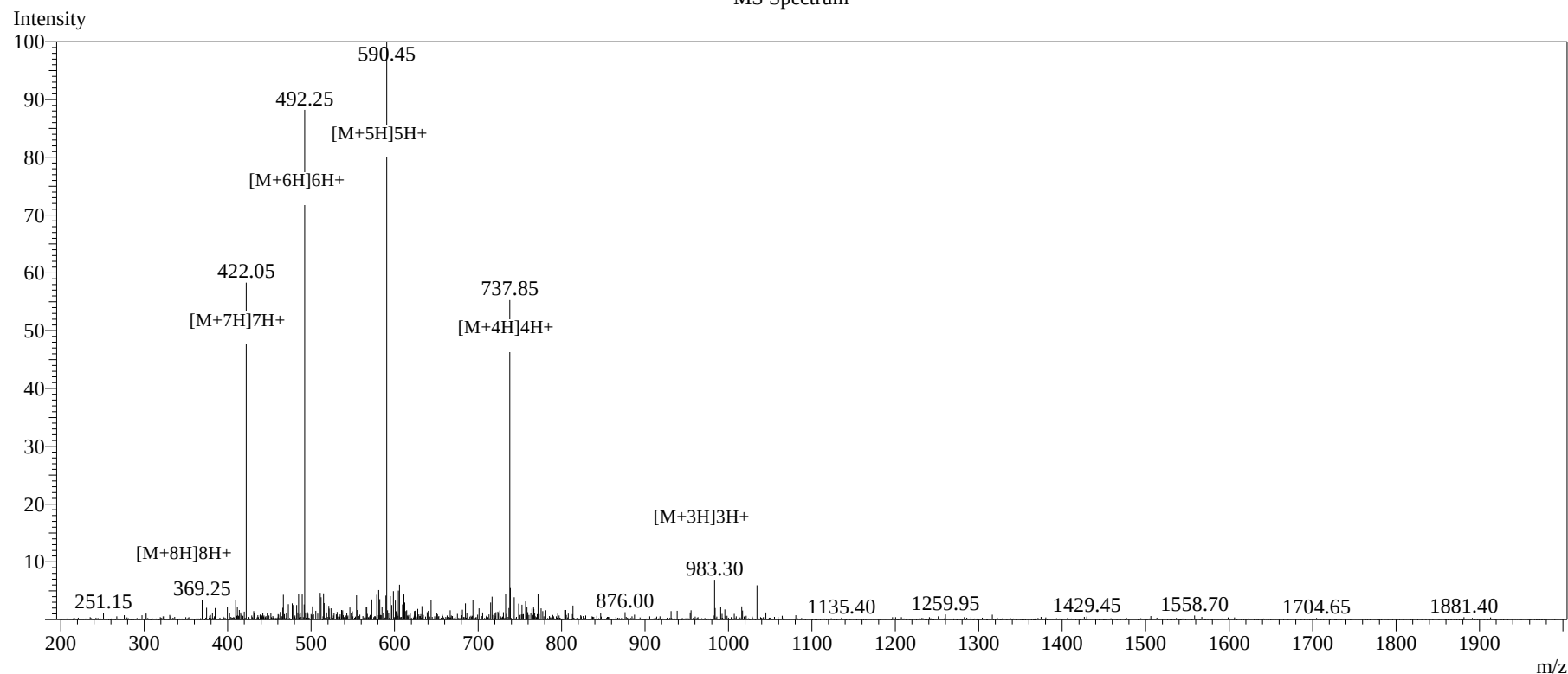


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	11.682	7071	928	0.074
2	12.893	7087	1034	0.074
3	13.238	17956	1947	0.187
4	13.963	169494	24893	1.766
5	14.120	9213745	827720	96.004
6	14.396	171733	23691	1.789
7	14.956	10216	1407	0.106
Total		9597301	881620	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/12/22 14:11:45	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	:MTFA30798				
Name	:TAT-ANK peptide				
Sequence	:YGRKKRRQRRRQTLQAELLVYGA				
Lot.No	:MTFA30798-1211				
Theoretical	:2946.42				
Observed	:2947.25				