

CERTIFICATE OF ANALYSIS

Product Name	T7 peptide Cat.#: 319150
Lot No.	MTFA30788-1-1208
Sequence	HAIYPRH
Dissolution condition	100%H2O
Length	7AA
Modification	N/A
Molecular Weight (MW)	893.01
Storage	-20°C

Test Items	Specifications	Results
MW by MS	893.10	Conforms
Purity by HPLC	>95%	95.154%
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

Dec/13/2023

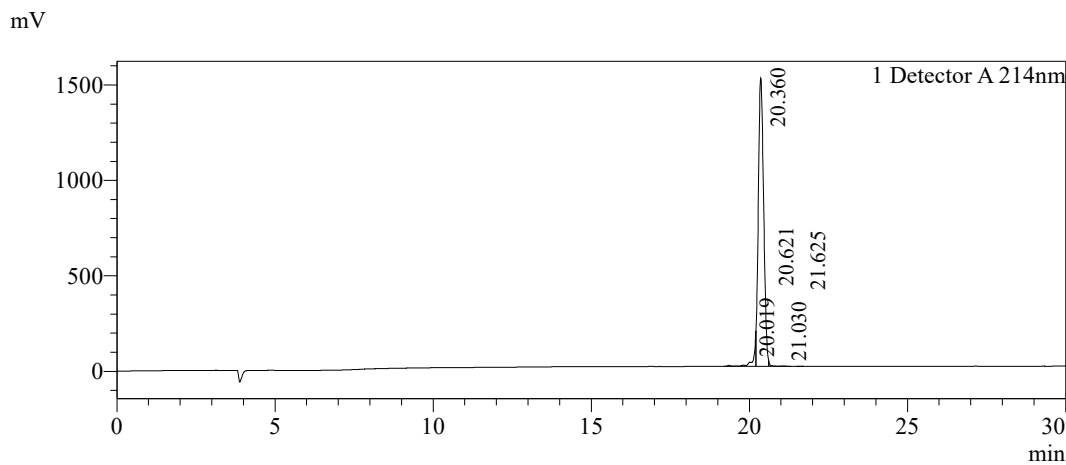


Sample Information

Order ID :MTFA30788-1
 Name :T7 peptide
 Sequence :HAIYPRH
 Lot. No :MTFA30788-1-1208
 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 : 20ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	5
30.00	Pumps	B.Conc	35
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	5
50.00	Controller	Stop	

Chromatogram

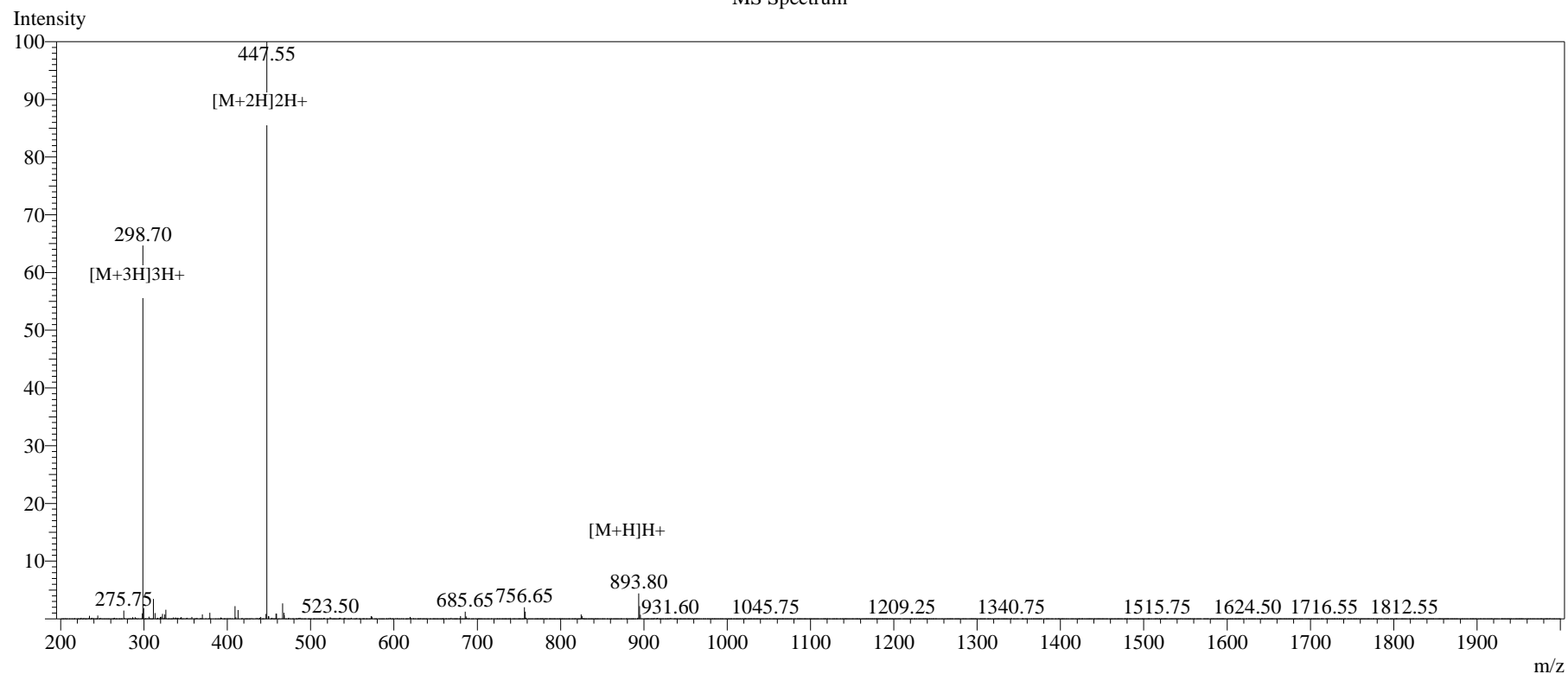


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	20.019	817954	21198	4.416
2	20.360	17626864	1508311	95.154
3	20.621	64907	23274	0.350
4	21.030	10796	1046	0.058
5	21.625	4040	770	0.022
Total		18524561	1554600	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/12/12 10:09:26	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	:MTFA30788-1
Name	:T7 peptide
Sequence	:HAIYPRH
Lot.No	:MTFA30788-1-1208
Theoretical	:893.01
Observed	:893.10