

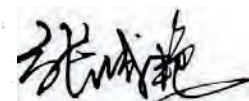
CERTIFICATE OF ANALYSIS

Product Name	Peptide T7 with N-Cysteine, Cat.#: 318911
Lot No.	MTFA31413-2-0529
Sequence	CHAIYPRH
Dissolution condition	100%H2O
Length	8AA
Modification	N/A
Molecular Weight (MW)	996.15
Storage	-20°C

Test Items	Specifications	Results
MW by MS	996.30	Conforms
Purity by HPLC	>95%	97.428%
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:



Jun/03/2024

Quality Assurance Department

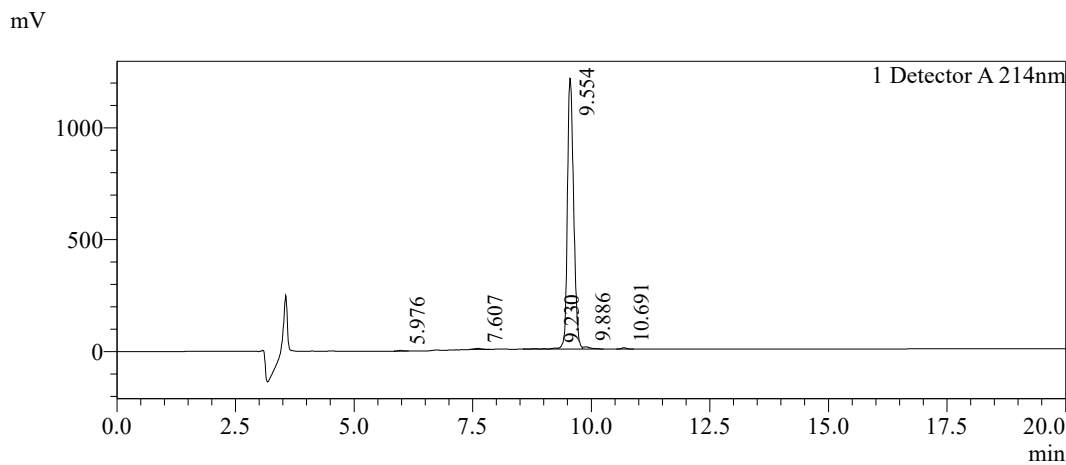


Sample Information

Order ID :MTFA31413-2
 Name :Peptide T7 with N-Cys
 Sequence :CHAIYPRH
 Lot. No :MTFA31413-2-0529
 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 : 15ul

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

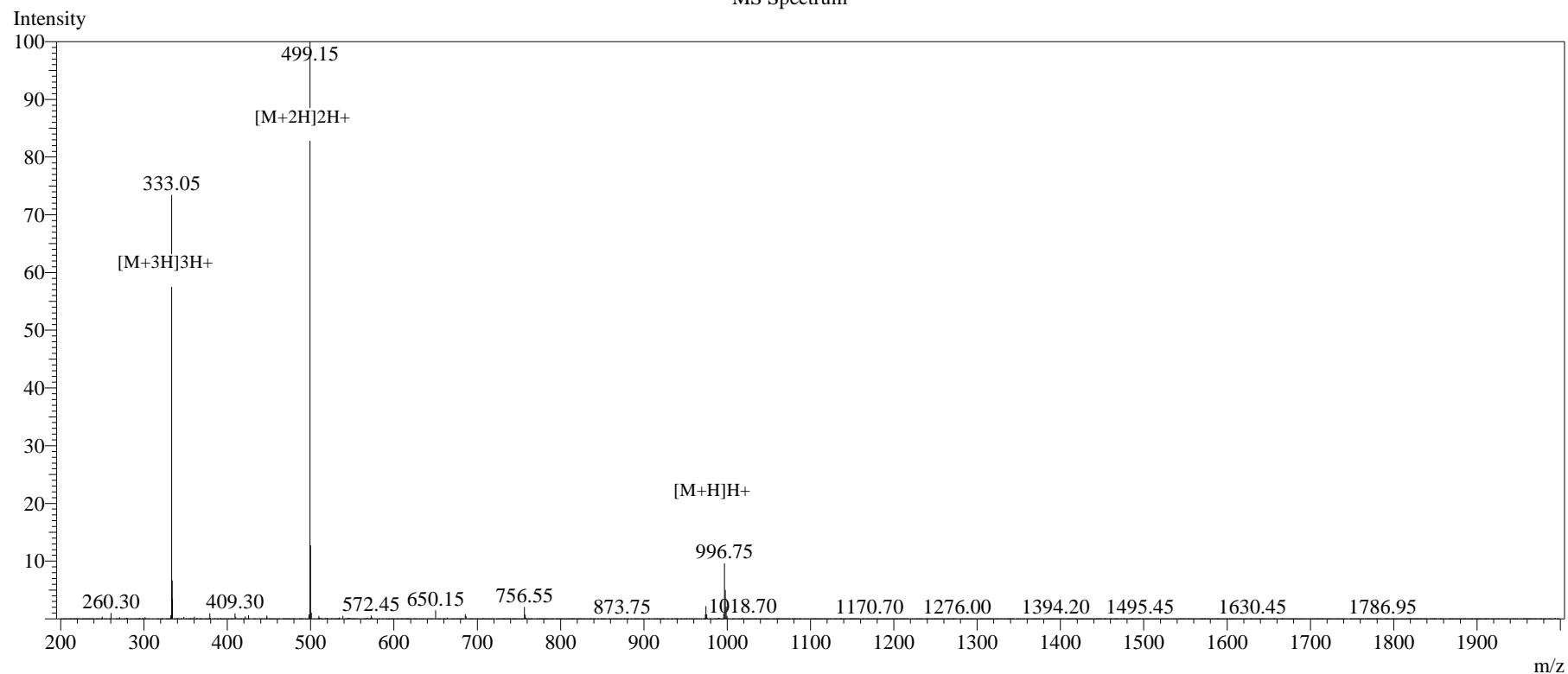


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	5.976	24947	3183	0.220
2	7.607	45290	4505	0.399
3	9.230	70951	4105	0.625
4	9.554	11064129	1209062	97.428
5	9.886	106477	9651	0.938
6	10.691	44423	6392	0.391
Total		11356216	1236898	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/05/31 10:32:03	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	:MTFA31413-2
Name	:Peptide T7 with N-Cys
Sequence	:CHAIYPRH
Lot.No	:MTFA31413-2-0529
Theoretical	:996.15
Observed	:996.30