

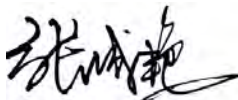
CERTIFICATE OF ANALYSIS

Product Name	Histatin 1 peptide
Lot No.	GTA33985-0207
Sequence	DSHEKRHHGYRRKFHEKHSHSHREFPFYGDYGSNYLYDN(HCl Salt)
Dissolution condition	100%H ₂ O
Length	38AA
Modification	HCl Salt
Molecular Weight (MW)	4848.12
Storage	-20°C

Test Items	Specifications	Results
MW by MS	4848.60	Conforms
Purity by HPLC	>95%	96.361%
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	200mg	10.0mg*20

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

Feb/20/2022

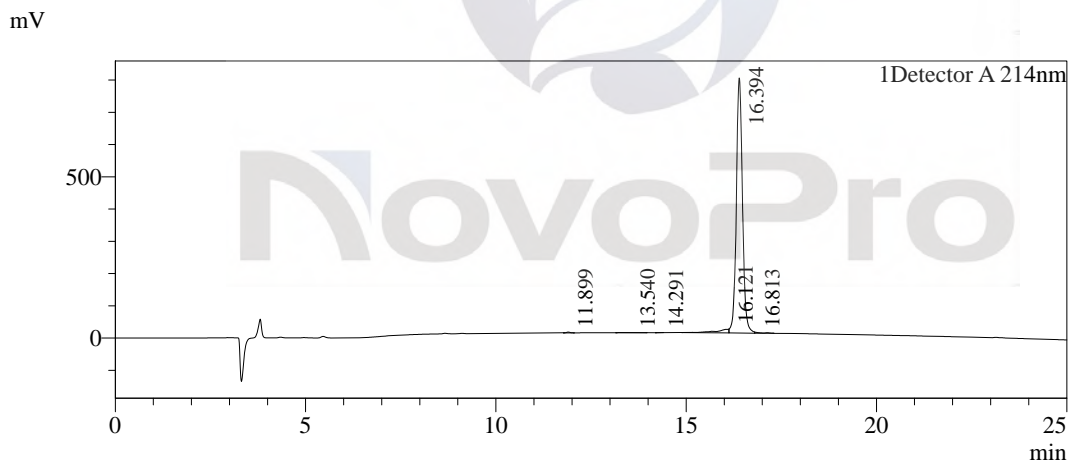


Sample Information

Order ID :GTA33985
 Name :Histatin 1 peptide
 Sequence :DSHEKRHHGYRRKFHEKHHSHREFPFYGDYGSNYLYDN
 (HCl Salt)
 Lot. No :GTA33985-0207
 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 :YMC-Triart C18(4.6*250mm*5um)
 Dissolution method :100% H2O
 Inj. Volume : 25ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	15
25.00	Pumps	B.Conc	40
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	15
50.00	Controller	Stop	

Chromatogram



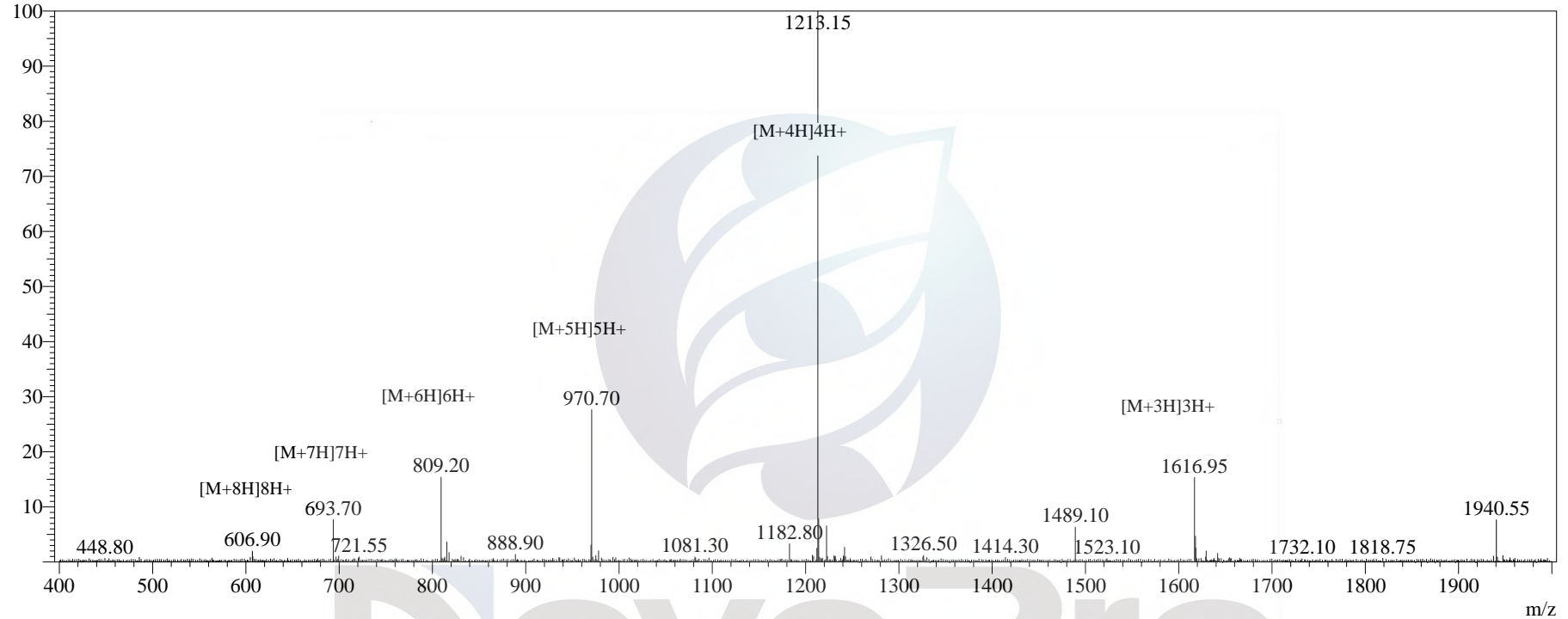
Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	11.899	15147	2537	0.165
2	13.540	11117	572	0.121
3	14.291	2436	456	0.027
4	16.121	271714	11469	2.968
5	16.394	8822890	791134	96.361
6	16.813	32796	3197	0.358
Total		9156101	809366	100.000

MS Spectrum

Positive Intensity



Sample Information

Dissolution method :5% HAC+8% ACN+87% H2O
Date Acquired :2022/02/18 15:46:22
Injection Volume :0.2ul
Block Temp :200

Interface :ESI
Nebulizing Gas Flow :1.50L/min
CDL Temp :250C
CDL Volt :0v

Prerod Bias :+4.5kv
Detector :-.2kv
T.Flow :0.2ml/min
B.conc :50% H2O/50% MEOH

Order ID :GTA33985
Name :Histatin 1 peptide
Sequence :DSHEKRHHGYRRKFHEKHSHREFFPYGDYGSNYLYDN(HCl Salt)
Lot.No :GTA33985-0207
Theoretical :4848.12
Observed :4848.60