

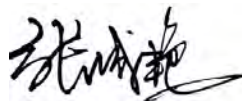
CERTIFICATE OF ANALYSIS

Product Name	BPC-157 peptide (Cat.#318948), TFA removed
Lot No.	MTFA30558-2-1007
Sequence	GEPPPGKPADDAGLV (Acetate Salt)
Dissolution condition	100%H2O
Length	15AA
Modification	Acetate Salts
Molecular Weight (MW)	1419.53
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1419.30	Conforms
Purity by HPLC	>95%	96.567%
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	600mg	10.0mg*50 +5.0mg*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

Oct/17//2023

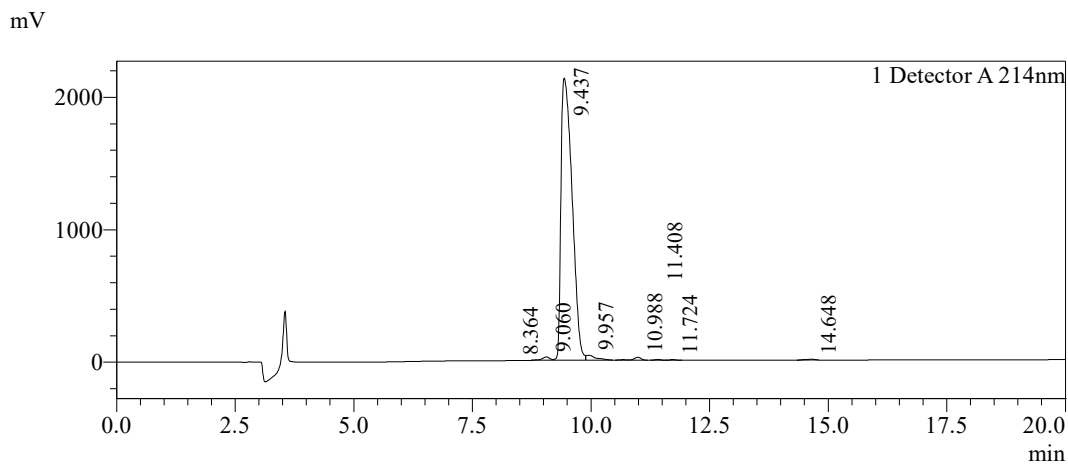


Sample Information

Order ID :MFA30558-2
 Name :BPC-157 peptide
 Sequence :GEPPPGKPADDAGLV (Acetate Salt)
 Lot. No :MFA30558-2-1007
 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	15
20.00	Pumps	B.Conc	35
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	15
50.00	Controller	Stop	

Chromatogram

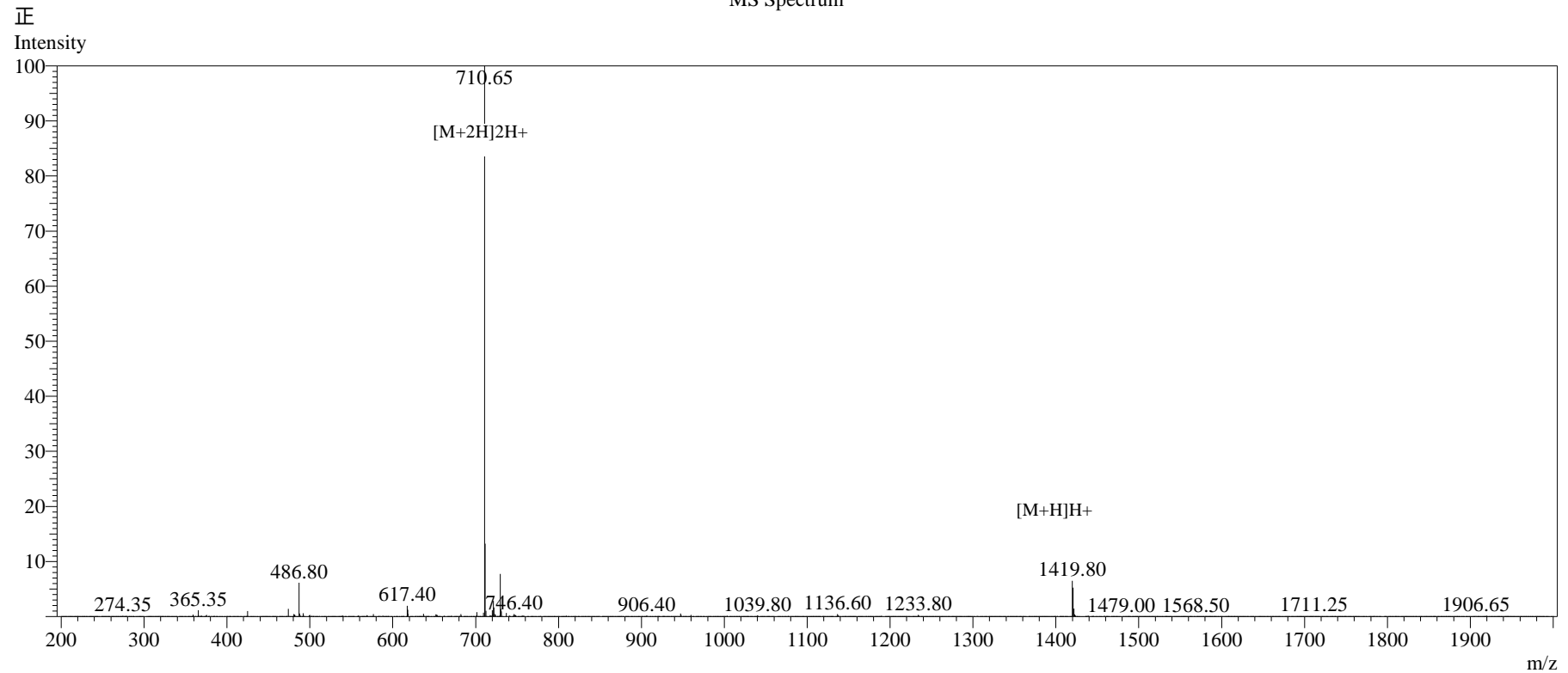


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	8.364	6971	1015	0.019
2	9.060	284243	25870	0.790
3	9.437	34743917	2129278	96.567
4	9.957	514843	36911	1.431
5	10.988	251908	22597	0.700
6	11.408	50793	5890	0.141
7	11.724	40942	4795	0.114
8	14.648	85474	6991	0.238
Total		35979090	2233346	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/10/12 16:49:12	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	:MTFA30558-2
Name	:BPC-157 peptide
Sequence	:GEPPPGKPADDAGLV (Acetate Salt)
Lot.No	:MTFA30558-2-1007
Theoretical	:1419.53
Observed	:1419.30