

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	S-PE peptide, Cat.# 319151
<b>Lot No.</b>	GTA35065-0406
<b>Sequence</b>	Ac-PCRFFESHVA
<b>Dissolution condition</b>	100%H2O
<b>Length</b>	10AA
<b>Modification</b>	N/A
<b>Molecular Weight (MW)</b>	1234.38
<b>Storage</b>	-20°C

<b>Test Items</b>	<b>Specifications</b>	<b>Results</b>
<b>MW by MS</b>	1234.50	Conforms
<b>Purity by HPLC</b>	>95%	97.761%
<b>Peptide Content</b>	N/A	N/A
<b>Moisture content</b>	N/A	N/A
<b>Acetic acid content</b>	N/A	N/A
<b>Appearance</b>	White to off-white lyophilized powder	Conforms
<b>Quantity</b>	1g	100.0mg*10管

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

Apr/07/2023

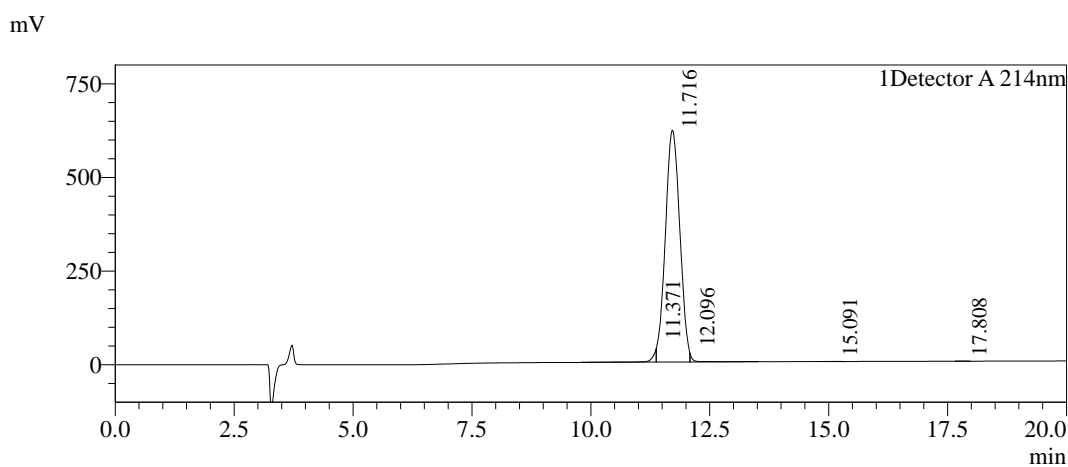


### Sample Information

Order ID :GTA35065  
 Name :N/A  
 Sequence :Ac-PCRFFESHVA  
 Lot. No :GTA35065-0406  
 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 : 15ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	25
20.00	Pumps	B.Conc	45
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	25
50.00	Controller	Stop	

### Chromatogram

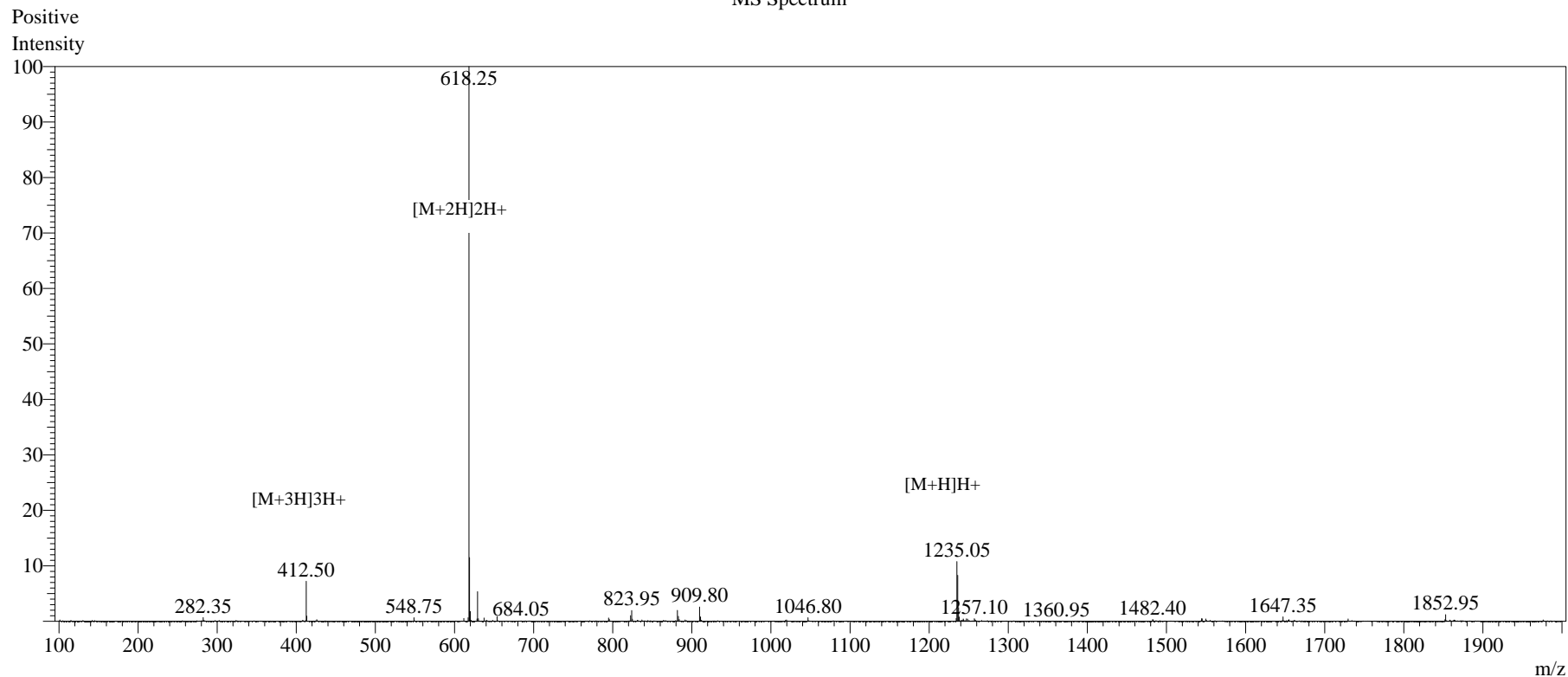


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	11.371	192946	32141	1.446
2	11.716	13043997	618751	97.761
3	12.096	96078	20070	0.720
4	15.091	5193	296	0.039
5	17.808	4560	529	0.034
Total		13342774	671787	100.000

## MS Spectrum



## Sample Information

Dissolution method :15%ACN+85%H<sub>2</sub>O  
 Date Acquired :2023/04/07 13:38:37  
 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 :-0.2kv  
 T.Flow :0.2ml/min  
 B.conc :50%H<sub>2</sub>O/50%MEOH

Order ID :GTA35065  
 Name :N/A  
 Sequence :Ac-PCRFFESHVA  
 Lot.No :GTA35065-0406  
 Theoretical :1234.38  
 Observed :1234.50