

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Adropin (34-76) (human, mouse, rat)(Cat.#314322)
<b>Lot No.</b>	GTA35085-0413
<b>Sequence</b>	C*HSRSADVDSLSESSPNSSPGPC*PEKAPPPQKPSHEGSYLLQP
<b>Dissolution condition</b>	100%H2O
<b>Length</b>	43AA
<b>Modification</b>	Disulfide Bridge: 1-23
<b>Molecular Weight (MW)</b>	4499.77
<b>Storage</b>	-20°C

<b>Test Items</b>	<b>Specifications</b>	<b>Results</b>
<b>MW by MS</b>	4499.85	Conforms
<b>Purity by HPLC</b>	>95%	95.439%
<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>	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

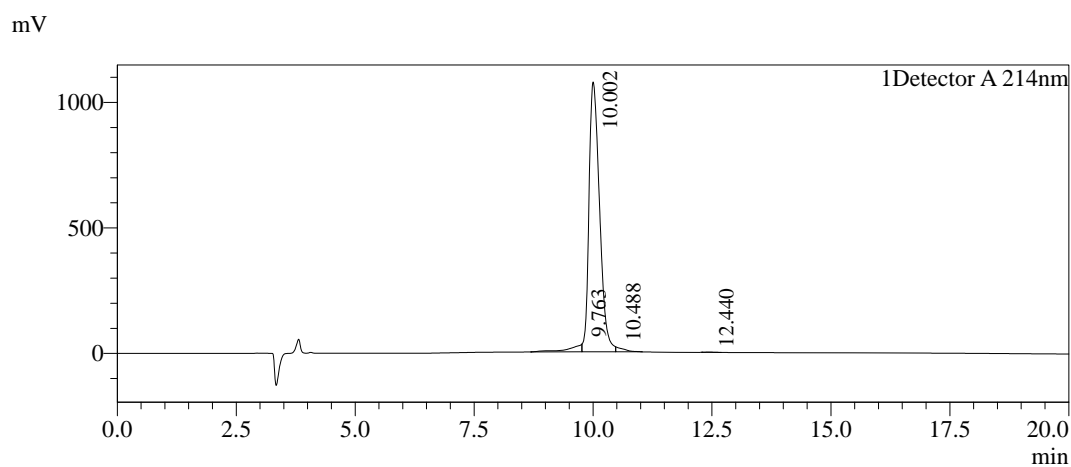
Apr/17/2023



### Sample Information

Order ID :GTA35085  
 Name :Adropin (34-76)  
 Sequence :C\*HRSADVDSLSESSPNSSPGPC\*PEKAPPP  
           QKPSHEGSYLLQP  
 Lot. No :GTA35085-0413  
 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 : 20ul  
 Time       Module       Action       Value  
 0.01       Pumps       B.Conc       20  
 20.00       Pumps       B.Conc       40  
 33.00       Pumps       B.Conc       100  
 38.00       Pumps       B.Conc       100  
 40.00       Pumps       B.Conc       20  
 50.00       Controller   Stop

### Chromatogram

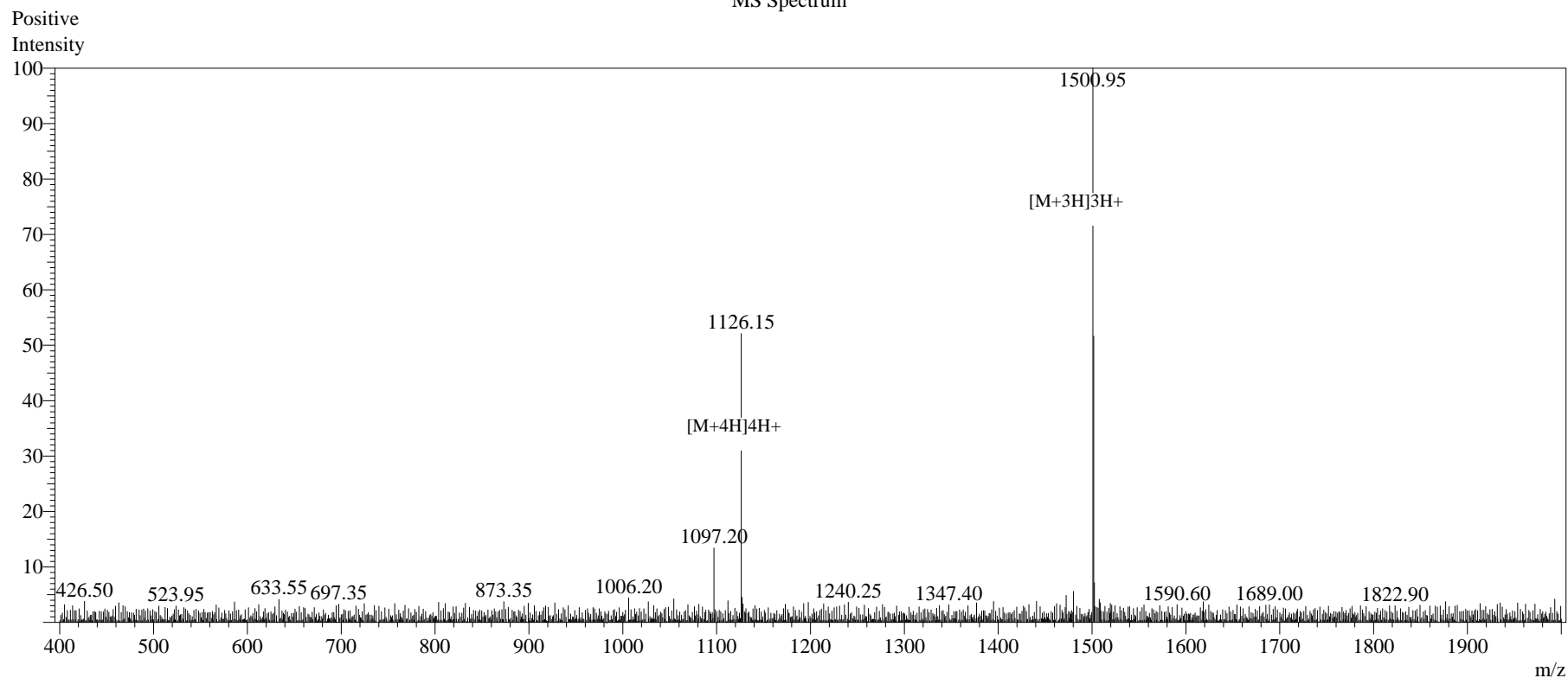


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	9.763	558328	29056	3.211
2	10.002	16594373	1075476	95.439
3	10.488	222993	19507	1.282
4	12.440	11752	867	0.068
Total		17387446	1124906	100.000

### MS Spectrum



### Sample Information

Dissolution method	:15% ACN+85% H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/04/17 16:11:45	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Injection Volume	:0.2ul	CDL Temp	:250C	T.Flow	:0.2ml/min
Block Temp	:200	CDL Volt	:0v	B.conc	:50% H <sub>2</sub> O/50% MEOH

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Name	:Adropin 34-76
Sequence	:C*HSRSADVDSLSESSPNSSPGPC*PEKAPPPQKPSHEGSYLLQP
Lot.No	:GTA35085-0413
Theoretical	:4499.77
Observed	:4499.85