


## CERTIFICATE OF ANALYSIS

Product Name	Adropin (34-76) (human, mouse, rat), Cat.#: 314322 (TFA removed)
Lot No.	MTFA32288-0102
Sequence	C*HSRSADVDSLSESSPNSSPGPC*PEKAPPPQKPSHEGSYLLQP (Acetate Salt)
Dissolution condition	100%H <sub>2</sub> O
Length	43AA
Modification	acetate salt; Disulfide-Bridge: 1-23
Molecular Weight (MW)	4499.77
Storage	-20°C

Test Items	Specifications	Results
MW by MS	4500.30	Conforms
Purity by HPLC	>95%	97.034%
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:



Quality Assurance Department

Jan/07/2025



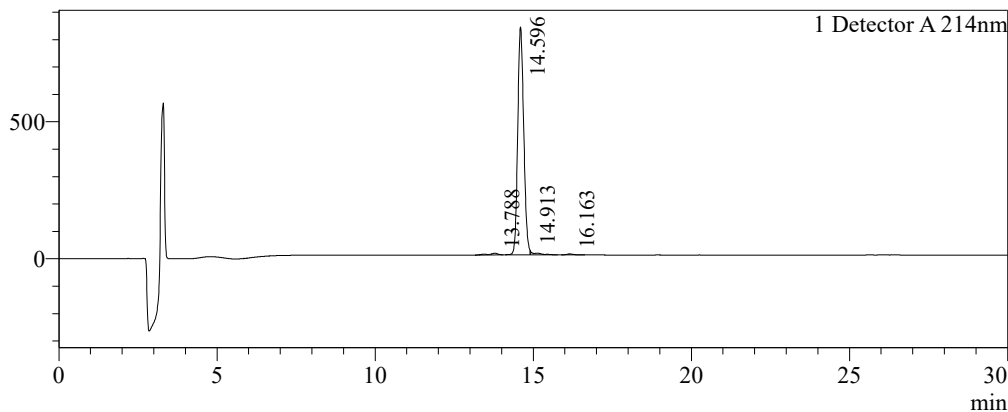
### Sample Information

Order ID :MTFA32288  
Name :Adropin (34-76) (human, mouse, rat) peptide  
Sequence :C\*HRSADVDSLSESSPNSSPGPC\*PEKAPPPQKPSHEGSYLLQP  
(Acetate Salt)  
Lot. No :MTFA32288-0102  
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%H<sub>2</sub>O  
Inj. Volume : 30ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	15
30.00	Pumps	B.Conc	45
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	15
50.00	Controller	Stop	

### Chromatogram

mV

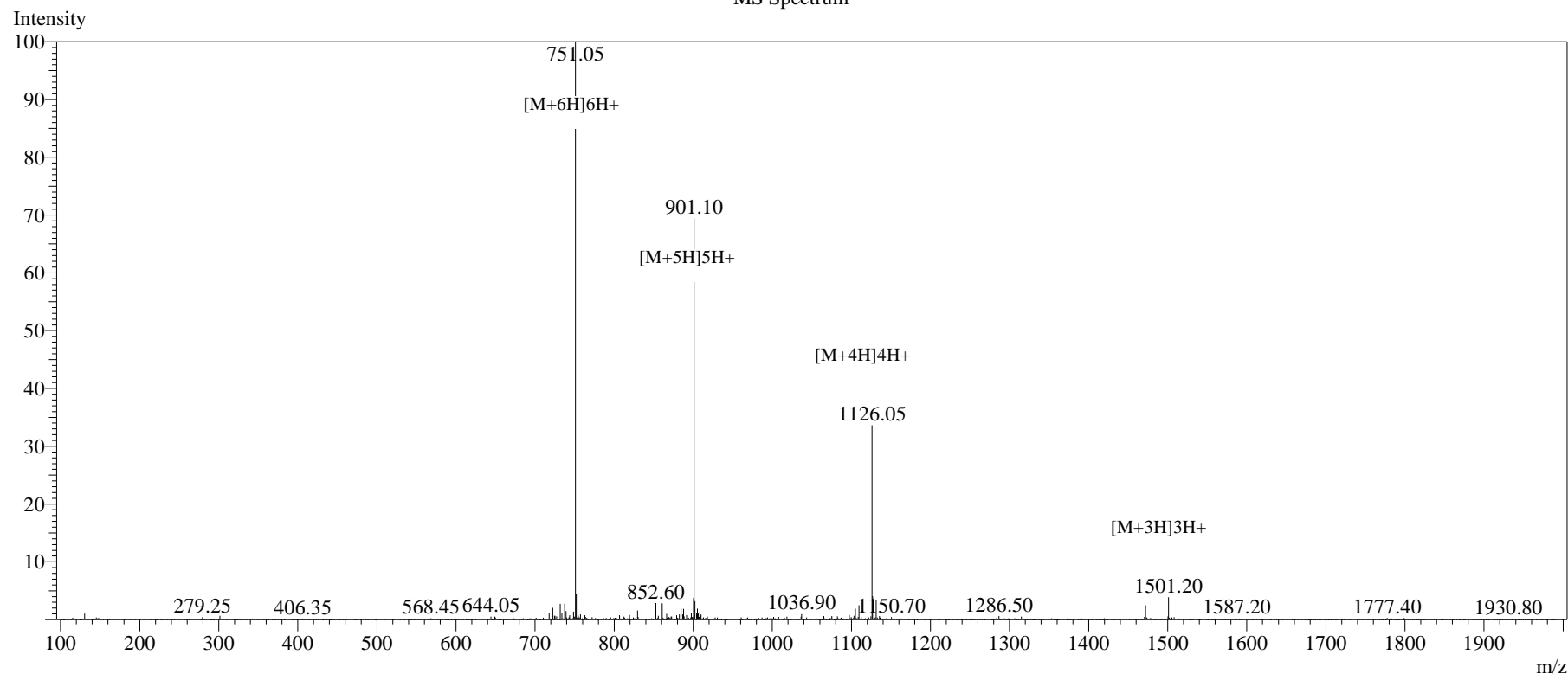


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	13.788	122441	5863	1.084
2	14.596	10964582	829994	97.034
3	14.913	162292	13656	1.436
4	16.163	50404	3349	0.446
Total		11299720	852862	100.000

# MS Spectrum



## Sample Information

Dissolution method	:15% ACN+85% H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/01/06 15:23:46	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 <sub>2</sub> O/50% ME OH

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Lot.No	:MTFA32288-0102
Theoretical	:4499.77
Observed	:4500.30