

CERTIFICATE OF ANALYSIS

Product Name	DRGN-1 peptide, Cat.#: 318919 (TFA removed)
Lot No.	MTFA32580-0324
Sequence	PSKKTKPVKPKKVA (Acetate Salt)
Dissolution condition	100%H ₂ O
Length	14AA
Modification	acetate salt
Molecular Weight (MW)	1535.92
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1536.20	Conforms
Purity by HPLC	>95%	95.052%
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	100mg	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:



Mar/26/2025

Quality Assurance Department

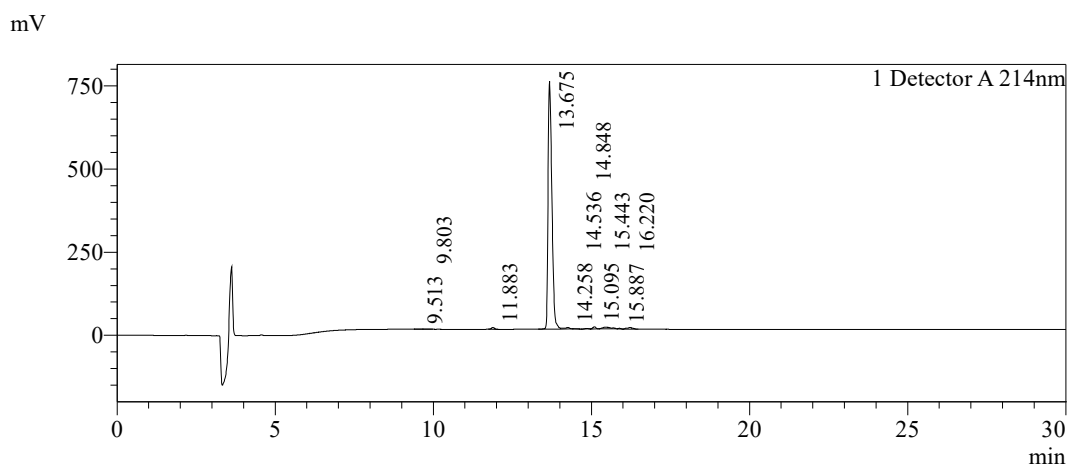


Sample Information

Order ID :MTFA32580
 Name :DRGN-1 peptide
 Sequence :PSKKTKPVKPKKVA (Acetate Salt)
 Lot. No :MTFA32580-0324
 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%H₂O
 Inj. Volume : 25ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	5
30.00	Pumps	B.Conc	35
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	5
50.00	Controller	Stop	

Chromatogram

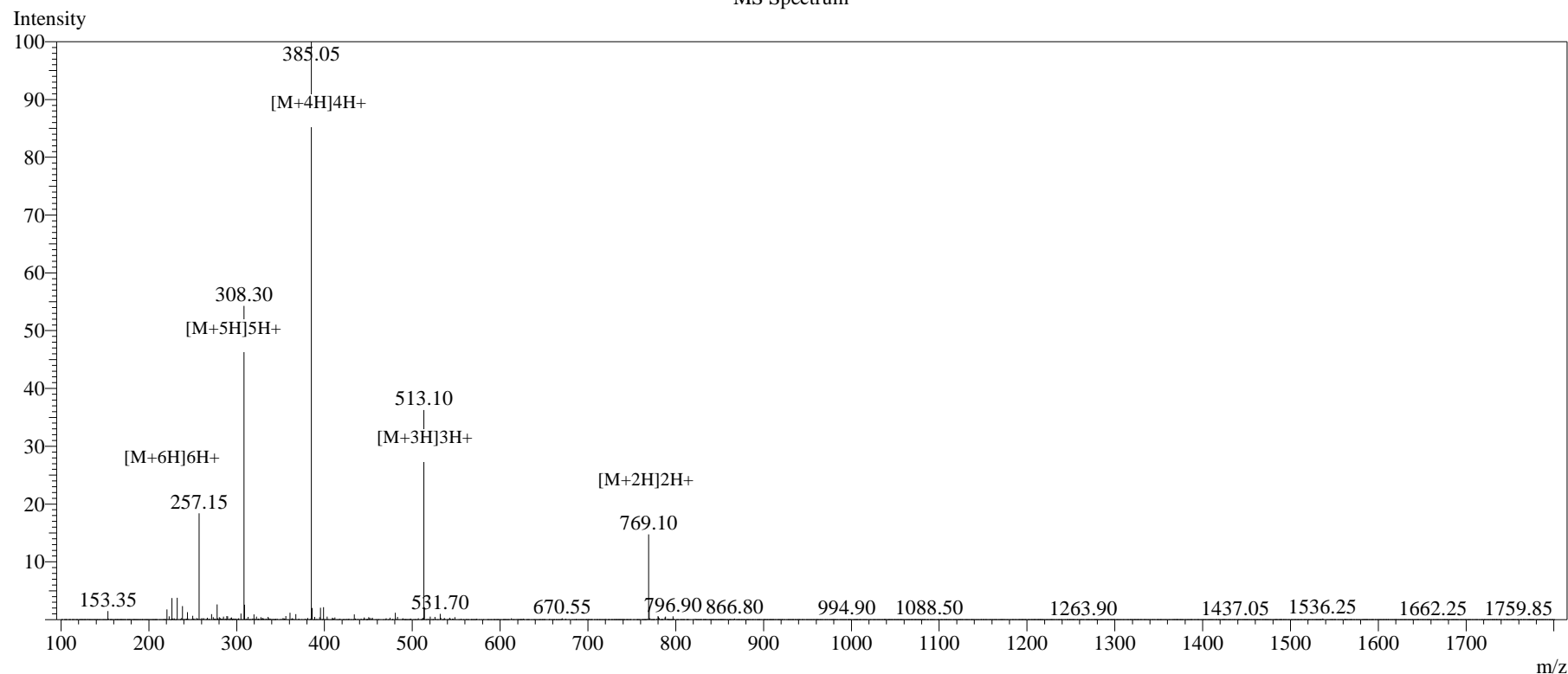


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	9.513	1900	280	0.029
2	9.803	4375	641	0.066
3	11.883	36148	5217	0.549
4	13.675	6255920	745013	95.052
5	14.258	55861	4709	0.849
6	14.536	6658	722	0.101
7	14.848	12206	1919	0.185
8	15.095	42285	6508	0.642
9	15.443	94598	5290	1.437
10	15.887	9245	1878	0.140
11	16.220	62395	5130	0.948
Total		6581591	777309	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/03/25 11:32:52	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% ME OH
Order ID	:MTFA32580				
Name	:DRGN-1 peptide				
Sequence	:PSKKTKPVKPKKVA(Acetate Salt)				
Lot.No	:MTFA32580-0324				
Theoretical	:1535.92				
Observed	:1536.20				