

## CERTIFICATE OF ANALYSIS

Product Name	DJK-5 peptide, Cat.#: 318921(TFA removed)
Lot No.	MTFA33353-02-250922
Sequence	vqwrairrvir-NH2 (Acetate Salt)
Dissolution condition	100%H2O
Modification	acetate salt
Molecular Weight (MW)	1550.91
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1550.40	Conforms
Purity by HPLC	>95%	96.455%
Peptide Content	N/A	N/A
TFA solubility	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:



Oct/20/2025

Quality Assurance Department

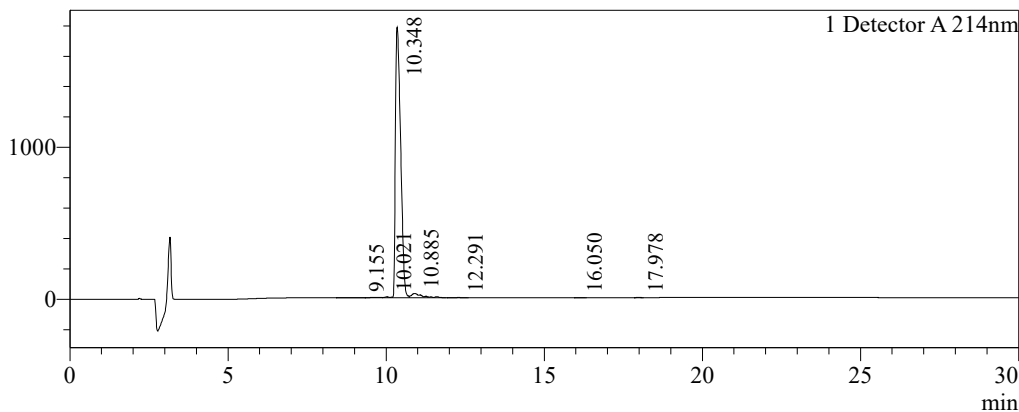


### Sample Information

Order ID	:MTFA33353-02		
Name	:DJK-5 peptide		
Sequence	:vqwrairrvir-NH2 (Acetate Salt)		
Lot. No	:MTFA33353-02-250922		
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	: 15ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	20
30.00	Pumps	B.Conc	50
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	20
50.00	Controller	Stop	

### Chromatogram

mV

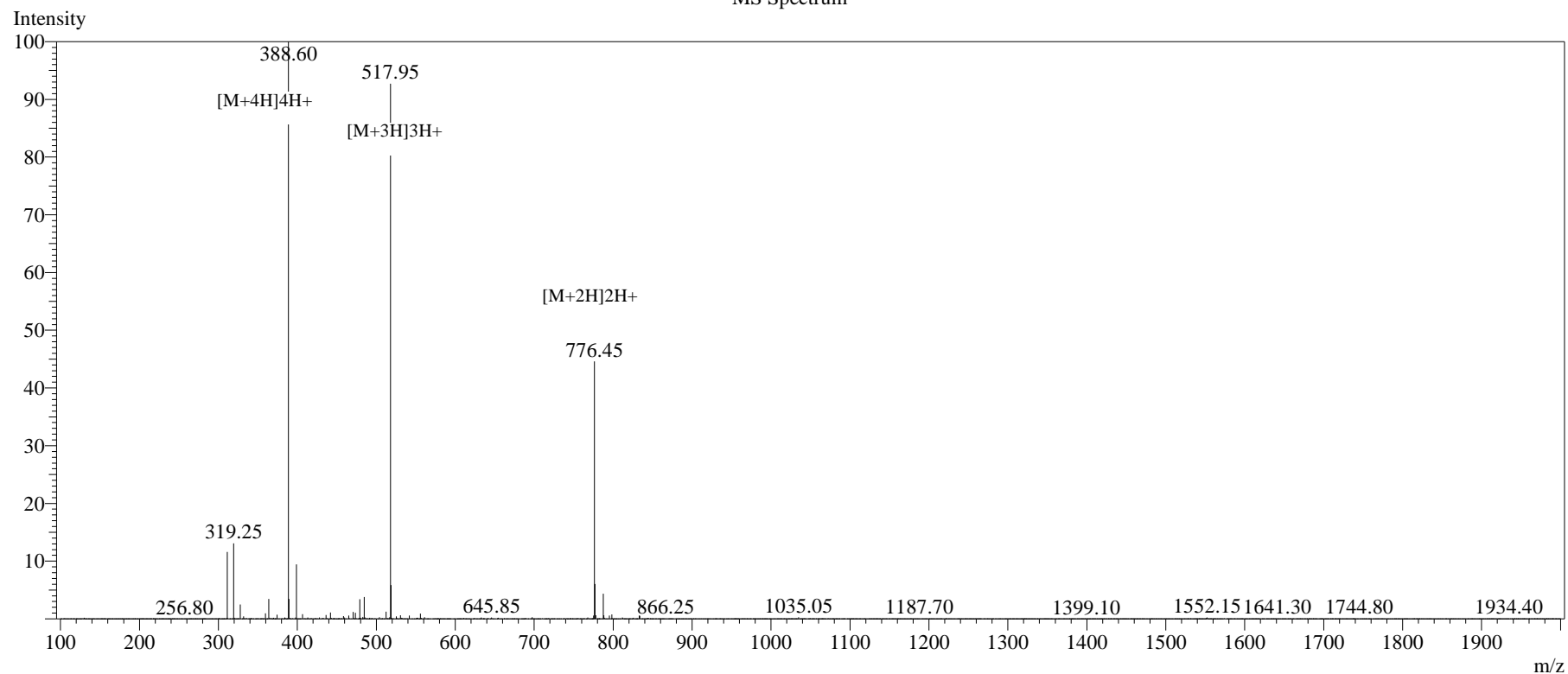


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	9.155	9696	392	0.046
2	10.021	88494	5642	0.417
3	10.348	20460553	1779173	96.455
4	10.885	637678	27193	3.006
5	12.291	11827	1043	0.056
6	16.050	1568	211	0.007
7	17.978	2820	386	0.013
Total		21212636	1814039	100.000

# MS Spectrum



## Sample Information

Dissolution method :15%ACN+85%H<sub>2</sub>O  
Date Acquired :2025/10/17 10:09:39  
Injection Volume :0.2ul  
Block Temp :200  
  
Order ID :MTFA33353-02  
Name :DJK-5 peptide  
Sequence :vqwrairrvir-NH<sub>2</sub>(Acetate salt )  
Lot.No :MTFA33353-02-250922  
Theoretical :1550.91  
Observed :1550.40

Interface	:ESI	Prerod Bias	:+4.5kv
Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
CDL Temp	:250°C	T.Flow	:0.2ml/min
CDL Volt	:0v	B.conc	:50% H <sub>2</sub> O/50% ME OH