

CERTIFICATE OF ANALYSIS

Product Name	IDR-1018 peptide, Cat.#: 318922 (TFA removed)
Lot No.	MTFA33178-250811
Sequence	VRLIVAVRIWRR-NH2 (Acetate Salt)
Dissolution condition	100%H2O
Modification	acetate salt
Molecular Weight (MW)	1535.93
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1536.00	Conforms
Purity by HPLC	>95%	98.240%
TFA 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	40mg	5.0mg*8

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

Aug/14/2025

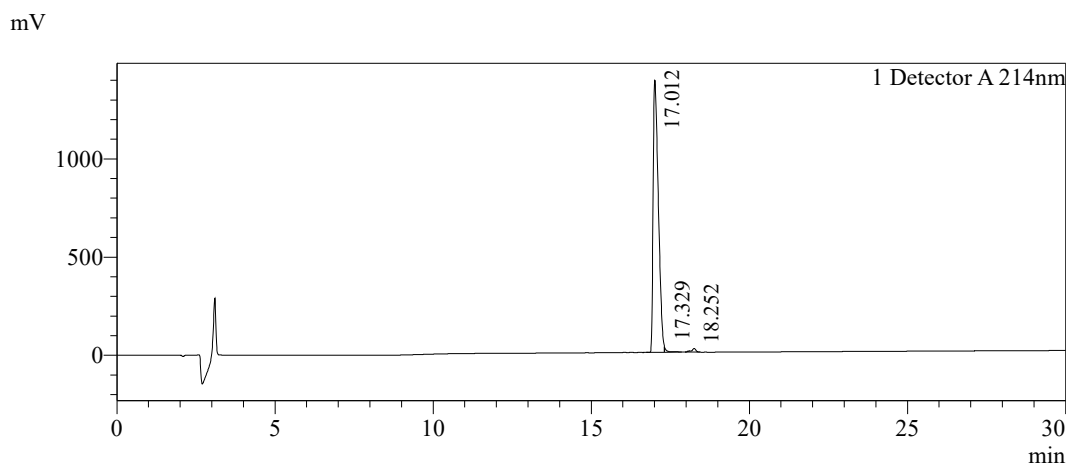


Sample Information

Order ID	:MTFA33178
Name	:IDR-1018 peptide
Sequence	:VRLIVAVRIWRR-NH2 (Acetate Salt)
Lot. No	:MTFA33178-250811
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

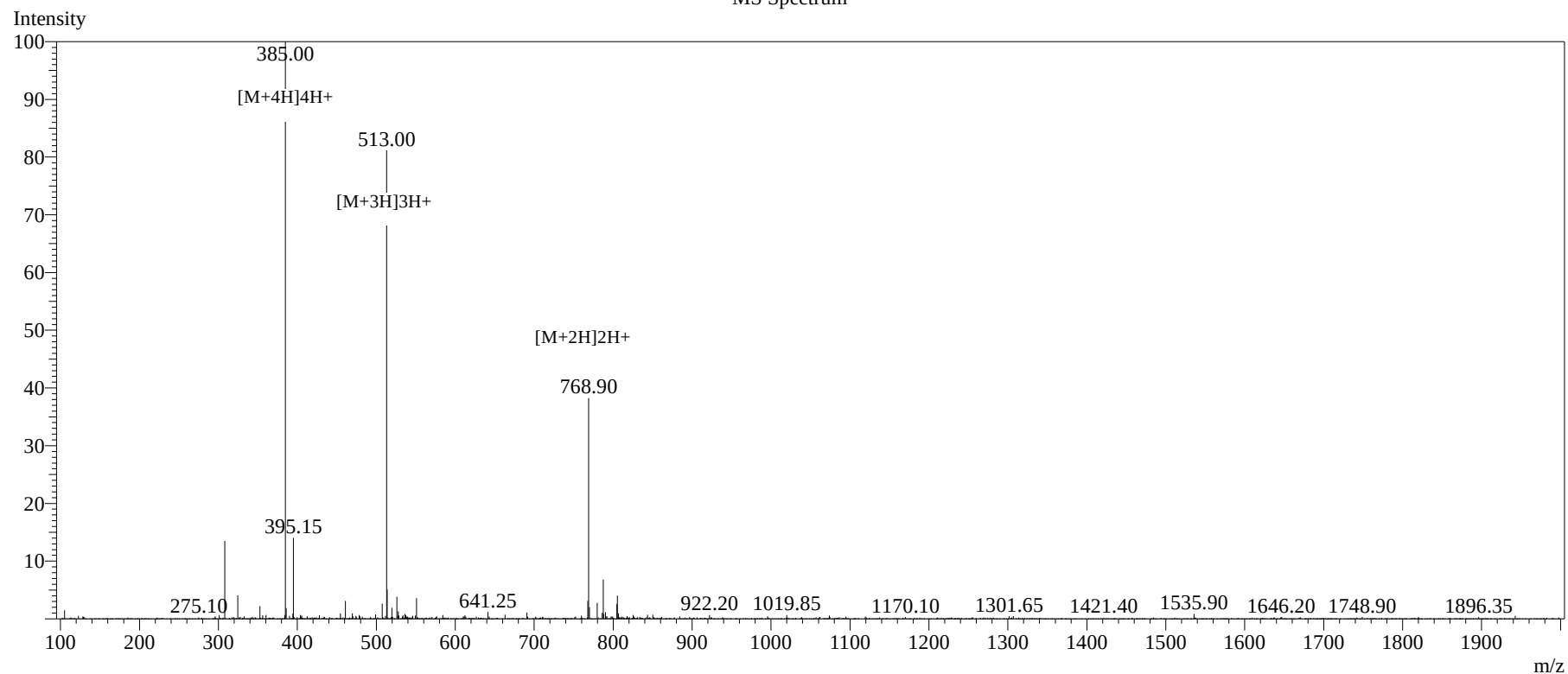


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	17.012	15964877	1384942	98.240
2	17.329	117563	23270	0.723
3	18.252	168508	18118	1.037
Total		16250949	1426330	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/08/13 11:26:43	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%H2O/50%MEOH
Order ID	:MTFA33178				
Name	:IDR-1018 peptide				
Sequence	:VRLIVAVRIWRR-NH2 (Acetate Salt)				
Lot.No	:MTFA33178-250811				
Theoretical	:1535.93				
Observed	:1536.00				