

CERTIFICATE OF ANALYSIS

Product Name	TIP peptide, Cat.#: 319055
Lot No.	MTFA33356-250922
Sequence	QRAITILDT
Dissolution condition	100%H ₂ O
Modification	N/A
Molecular Weight (MW)	1030.18
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1030.10	Conforms
Purity by HPLC	>95%	95.060%
Endotoxin 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/29/2025

Quality Assurance Department



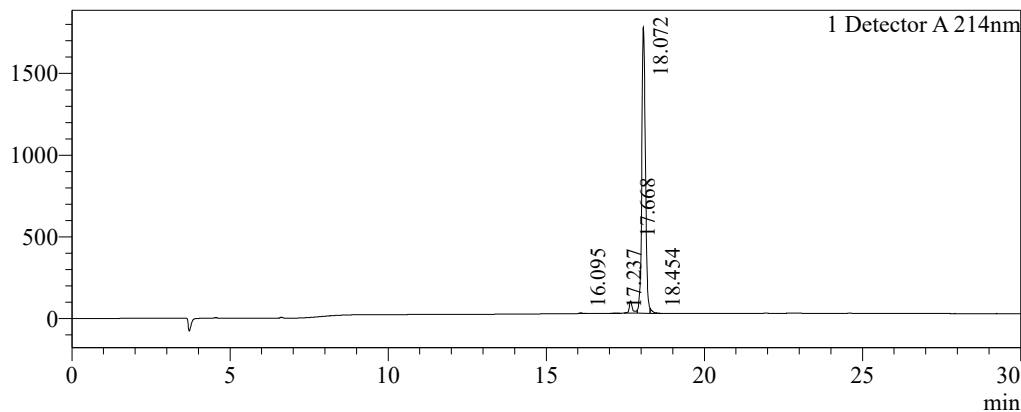
Sample Information

Order ID	:MTFA33356
Name	:TIP peptide
Sequence	:QRAITILDT
Lot. No	:MTFA33356-250922
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%H ₂ O
Inj. Volume	: 25ul

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

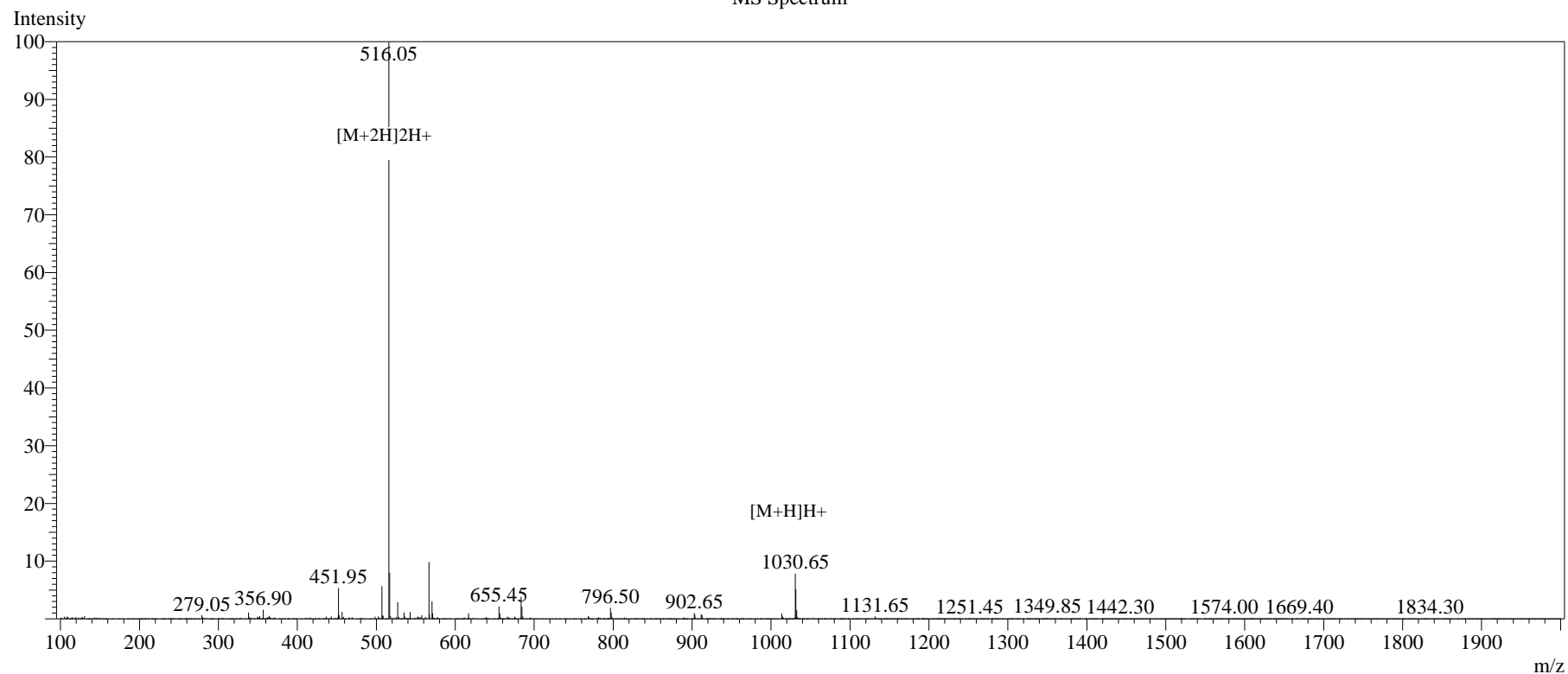


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	16.095	22579	4016	0.153
2	17.237	18892	2191	0.128
3	17.668	548827	74828	3.712
4	18.072	14055386	1749501	95.060
5	18.454	140172	3275	0.948
Total		14785855	1833812	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/10/11 10:37:42	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	:MTFA33356				
Name	:TIP peptide				
Sequence	:QRAITILDT				
Lot.No	:MTFA33356-250922				
Theoretical	:1030.18				
Observed	:1030.10				