

CERTIFICATE OF ANALYSIS

Product Name	TLQP-62 peptide, Cat.#: 317603 (TFA removed)
Lot No.	MTFA33233-250822
Sequence	TLQPPASSRRRHFFHHALPPARHHPDLEAQARRAQEEADAEER RLQEQEELENYIEHVLLHRP(Acetate Salt)
Dissolution condition	2%NH ₃ .H ₂ O+18%ACN+80%H ₂ O
Modification	acetate salt
Molecular Weight (MW)	7401.01
Storage	-20°C

Test Items	Specifications	Results
MW by MS	7400.70	Conforms
Purity by HPLC	>95%	98.598%
Peptide Content	N/A	N/A
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	10 mg	5.0mg*2

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:



Aug/27/2025

Quality Assurance Department



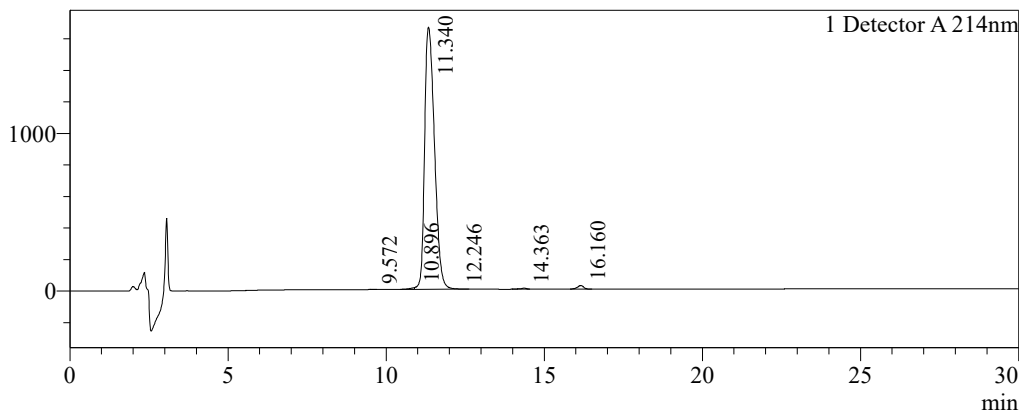
Sample Information

Order ID :MTFA33233
 Name :TLQP-62 peptide (TFA removed)
 Sequence :TLQPPASSRRRRHFHHALPPARHHPDLEAQARRAQEEA
 DAEERRLQEQEELNYIEHVLLHRP (Acetate Salt)
 Lot. No :MTFA33233-250822
 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 :2%NH3.H2O+18%ACN+80%H2O
 Inj. Volume : 50ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	25
30.00	Pumps	B.Conc	55
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	25
50.00	Controller	Stop	

Chromatogram

mV

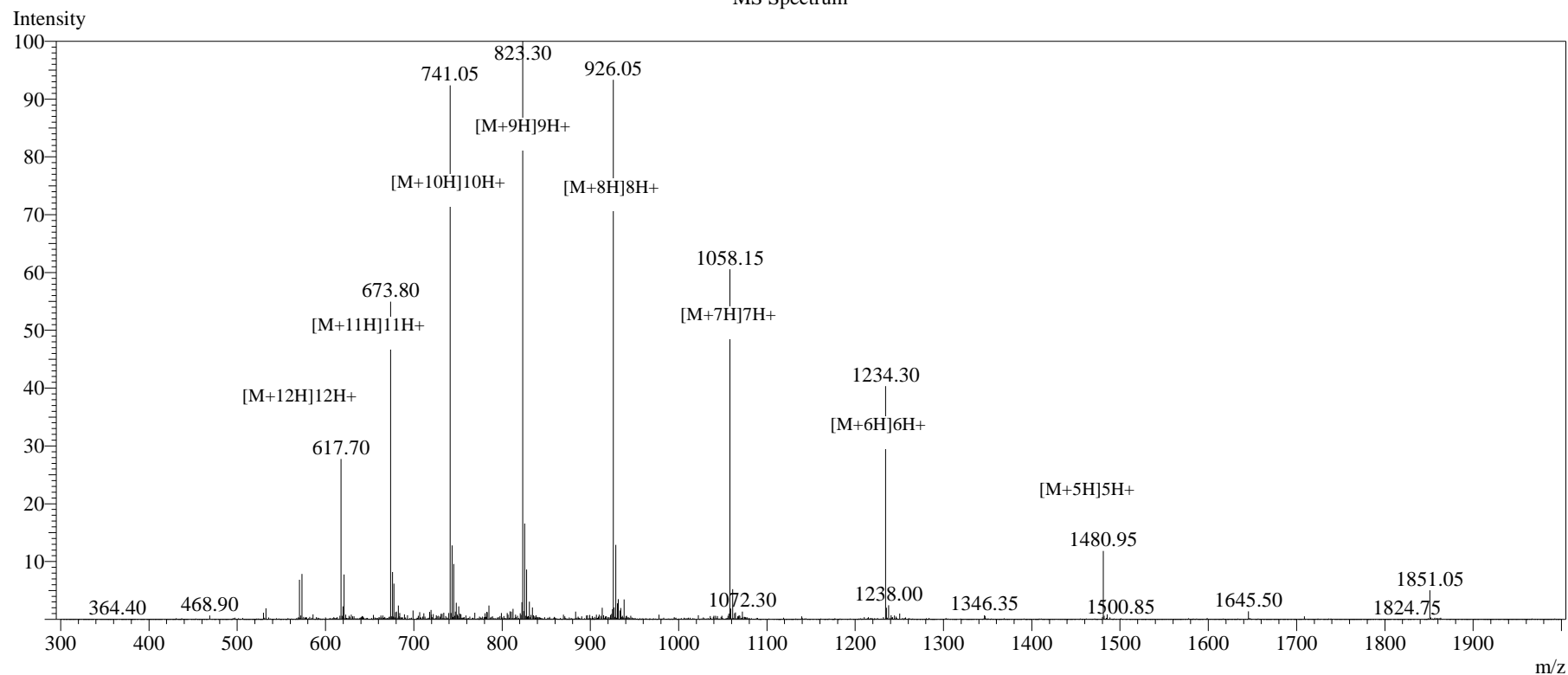


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	9.572	1870	239	0.005
2	10.896	109167	10764	0.298
3	11.340	36099412	1661677	98.598
4	12.246	17271	2152	0.047
5	14.363	77829	6610	0.213
6	16.160	307255	22699	0.839
Total		36612804	1704142	100.000

MS Spectrum



Sample Information

Dissolution method :2%NH₃.H₂O+18%ACN+80%H₂O
Date Acquired :2025/08/26 14:15:19
Injection Volume :0.2ul
Block Temp :200

Interface :ESI
Nebulizing Gas Flow :1.50L/min
CDL Temp :250°C
CDL Volt :0v

Prerod Bias :+4.5kv
Detector :-0.2kv
T.Flow :0.2ml/min
B.conc :50% H₂O/50% ME OH

Order ID :MTFA33233
Name :TLQP-62 peptide (TFA removed)
Sequence :TLQPPASSRRRHFHHLPPARHHPDLEAQQARRAQEEADAEERRLQQEELQEELENYIEHVLLHRP (Acetate Salt)
Lot.No :MTFA33233-250822
Theoretical :7401.01
Observed :7400.70