
CERTIFICATE OF ANALYSIS

Product Name	TpD peptide, Cat.#: 319294 (TFA removed)
Lot No.	MTFA32338-0114
Sequence	ILMQYIKANSKFIGIPMGLPQSIALSSLMVAQ (Acetate Salt)
Dissolution condition	5%HCOOH+15%ACN+80%H ₂ O
Length	32AA
Modification	acetate salt
Molecular Weight (MW)	3464.22
Storage	-20°C

Test Items	Specifications	Results
MW by MS	3464.40	Conforms
Purity by HPLC	>95%	95.005%
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	10mg	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:



Quality Assurance Department

Feb/12/2025

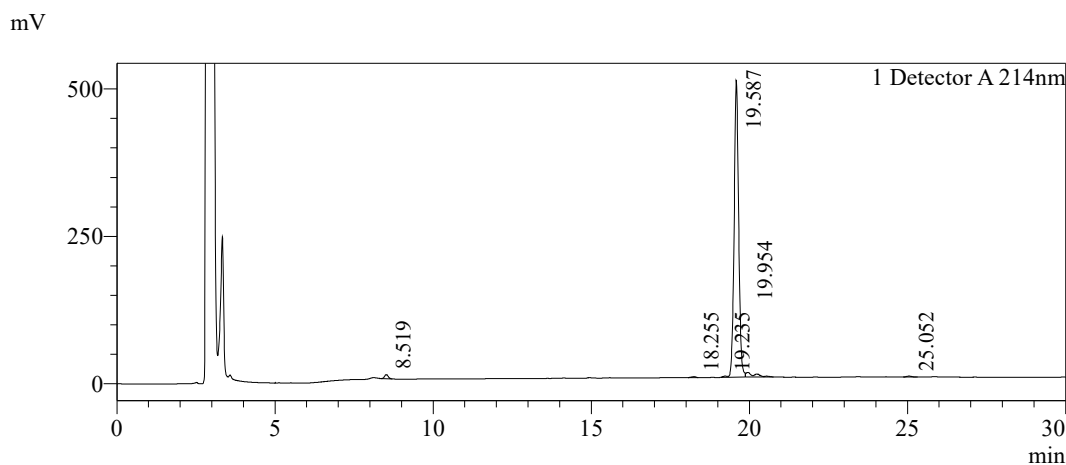


Sample Information

Order ID :MTFA32338
 Name :TpD peptide
 Sequence :ILMQYIKANSKFIGIPMGLPQSIALSSLMVAQ (Acetate Salt)
 Lot. No :MTFA32338-0114
 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 :5%HCOOH+15%ACN+80%H2O
 Inj. Volume : 40ul

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

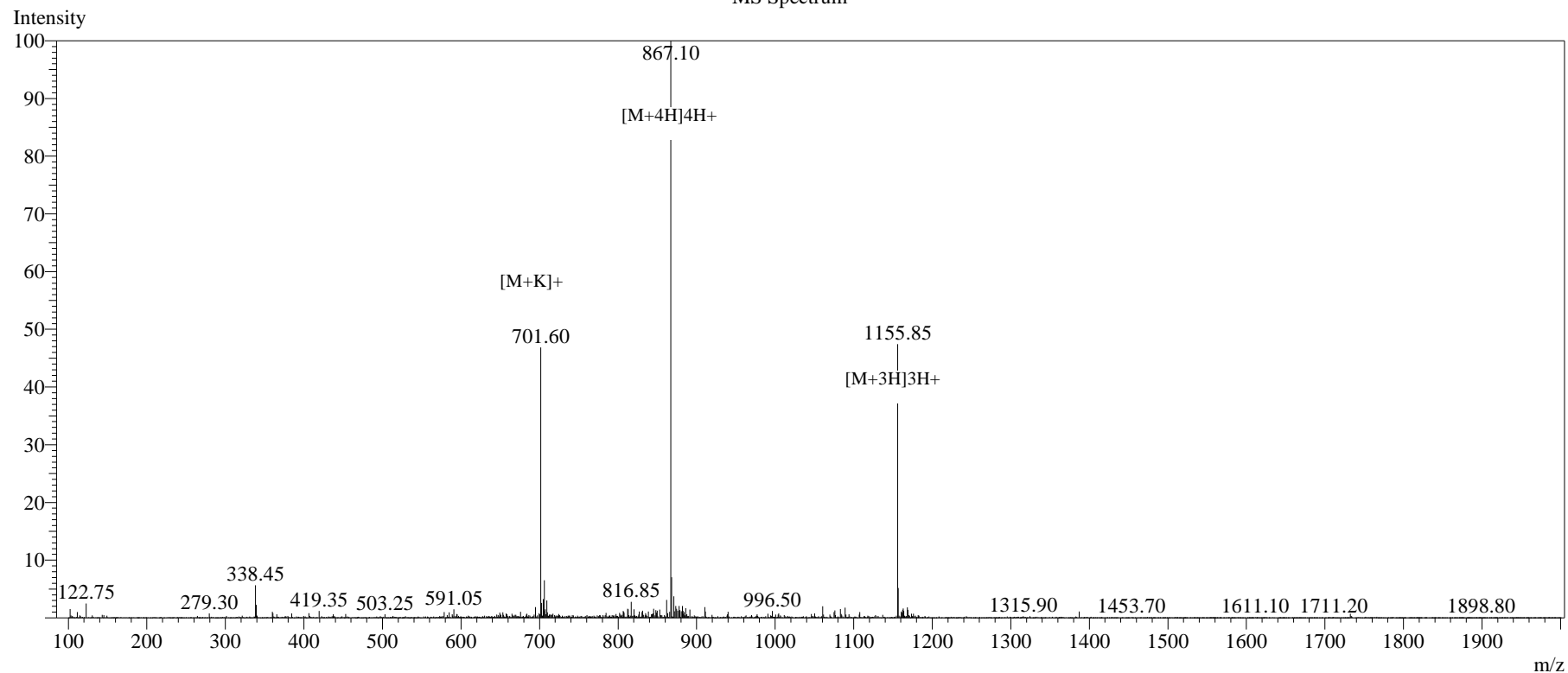


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	8.519	55927	6967	1.063
2	18.255	14163	1581	0.269
3	19.235	18255	1993	0.347
4	19.587	4999209	503334	95.005
5	19.954	157149	7929	2.986
6	25.052	17359	1580	0.330
Total		5262063	523383	100.000

MS Spectrum



Sample Information

Dissolution method	:5% HCOOH+15% ACN+80% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/02/08 15:16:17	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	:MTFA32338
Name	:TpD peptide
Sequence	:ILMQYIKANSKFIGIPMGLPQSIALSSLMVAQ (Acetate Salt)
Lot.No	:MTFA32338-0114
Theoretical	:3464.22
Observed	:3464.40