
CERTIFICATE OF ANALYSIS

Product Name	RP-182 peptide, Cat.#: 318940 (TFA removed)
Lot No.	MTFA30388-0821
Sequence	KFRKAFKRFF (Acetate Salt)
Dissolution condition	100%H ₂ O
Length	10AA
Modification	Acetate salts
Molecular Weight (MW)	1374.67
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1373.80	Conforms
Purity by HPLC	>95%	97.742%
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	100mg	5.0mg*20

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/31/2023

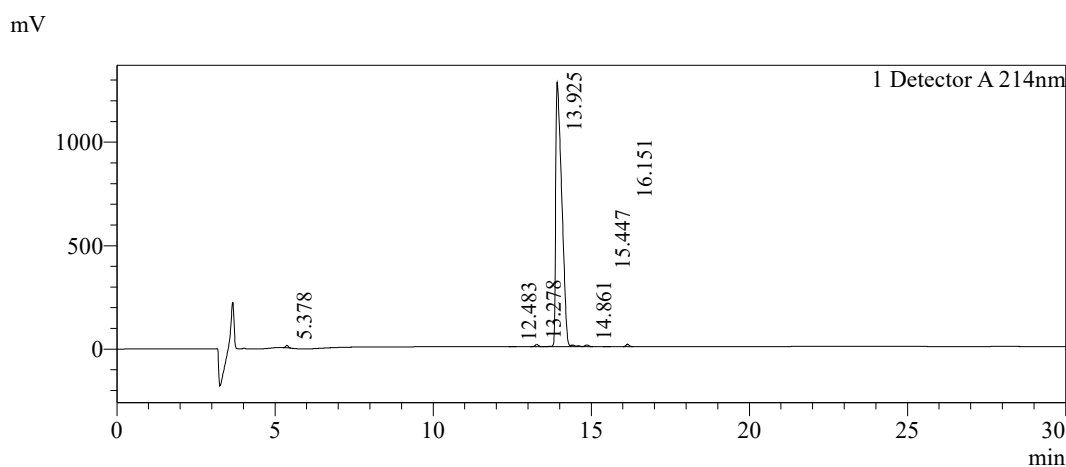


Sample Information

Order ID :MTFA30388
 Name :RP-182 peptide
 Sequence :KFRKAFKRFF (Acetate Salt)
 Lot. No :MTFA30388-0821
 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 :Shim-pack GIST C18(4.6*250mm*5um)
 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

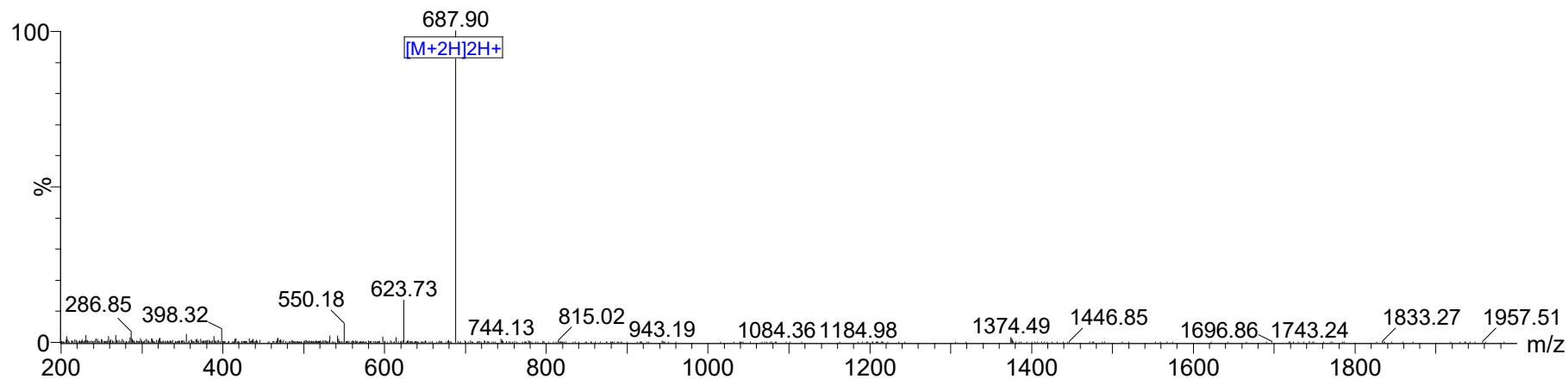


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	5.378	68385	12662	0.394
2	12.483	2437	392	0.014
3	13.278	91461	11202	0.527
4	13.925	16966434	1277498	97.742
5	14.861	153868	8245	0.886
6	15.447	1833	371	0.011
7	16.151	73954	11243	0.426
Total		17358371	1321613	100.000

MS Spectrum

 Positive
Intensity


Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:9/1/2023 9:30:09 AM	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Injection Volume	:0.2ul	CDL Temp	:250C	T.Flow	:0.2ml/min
Block Temp	:200	CDL Volt	:0v	B.conc	:50%H2O/50%MEOH

Order ID	: MTF30388
Name	: RP-182 peptide
Sequence	: KFRKAFKRFF (Acetate Salt)
Lot.No	: MTF30388-0821
Theoretical	: 1374.67
Observed	: 1373.80