


CERTIFICATE OF ANALYSIS

Product Name	KP1 peptide (Cat.#319010), TFA removed
Lot No.	MTFA30278-0712
Sequence	FQGTFPDGFLWAVGSAAYQTEGGWQQHGKG (Acetate Salt)
Dissolution condition	15%ACN+85%H ₂ O
Length	30AA
Modification	acetate salt
Molecular Weight (MW)	3228.48
Storage	-20°C

Test Items	Specifications	Results
MW by MS	3228.99	Conforms
Purity by HPLC	>95%	95.700%
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

Aug/23/2023

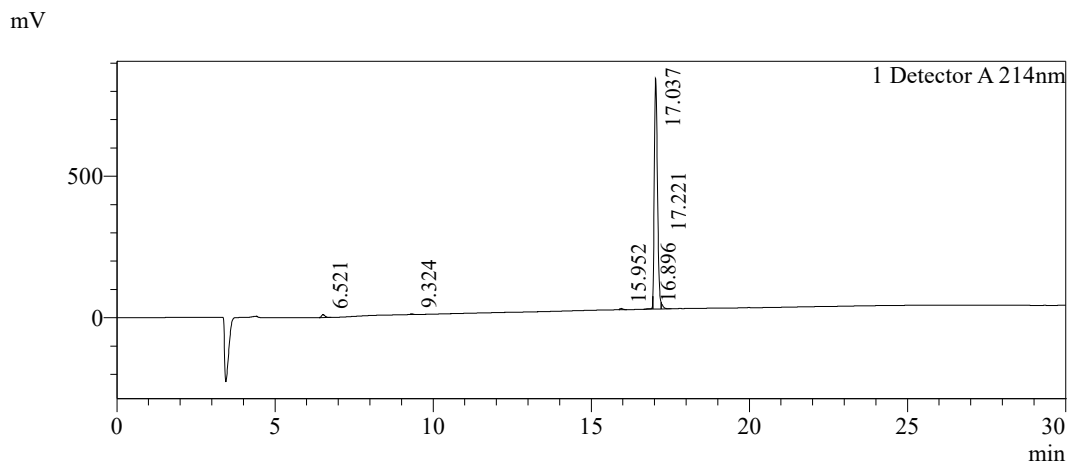


Sample Information

Order ID :MTFA30278
 Name :KP1 peptide
 Sequence :FQGTFPDGFLLWAVGSAAYQTEGGWQQHGKG (Acetate Salt)
 Lot. No :MTFA30278-0712
 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 :15%ACN+85%H2O
 Inj. Volume : 100ul

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

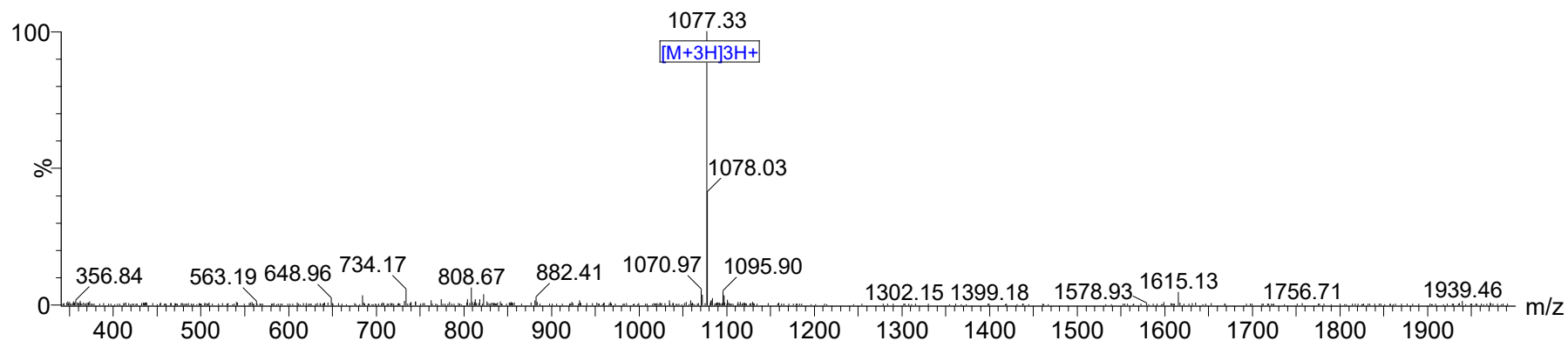


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	6.521	76768	10313	1.301
2	9.324	13642	2547	0.231
3	15.952	22011	3700	0.373
4	16.896	60553	1457	1.026
5	17.037	5648458	815329	95.700
6	17.221	80819	20561	1.369
Total		5902251	853908	100.000

MS Spectrum

 Positive
Intensity


Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:7/29/2023 10:22:09	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	: MTF30278
Name	: KP1 peptide
Sequence	: FQGTFPDGFLWAVGSAAYQTEGGWQQHGKG (Acetate Salt)
Lot.No	: MTF30278-0712
Theoretical	: 3228.48
Observed	: 3228.99