

## CERTIFICATE OF ANALYSIS

Product Name	tLyP-1 peptide, Cat.# 318900
Lot No.	MTFA30415-1-0828
Sequence	CGNKRTR (Acetate Salt)
Dissolution condition	100%H <sub>2</sub> O
Length	7AA
Modification	Acetate salts
Molecular Weight (MW)	833.96
Storage	-20°C

Test Items	Specifications	Results
MW by MS	833.56	Conforms
Purity by HPLC	>95%	95.848%
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管

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

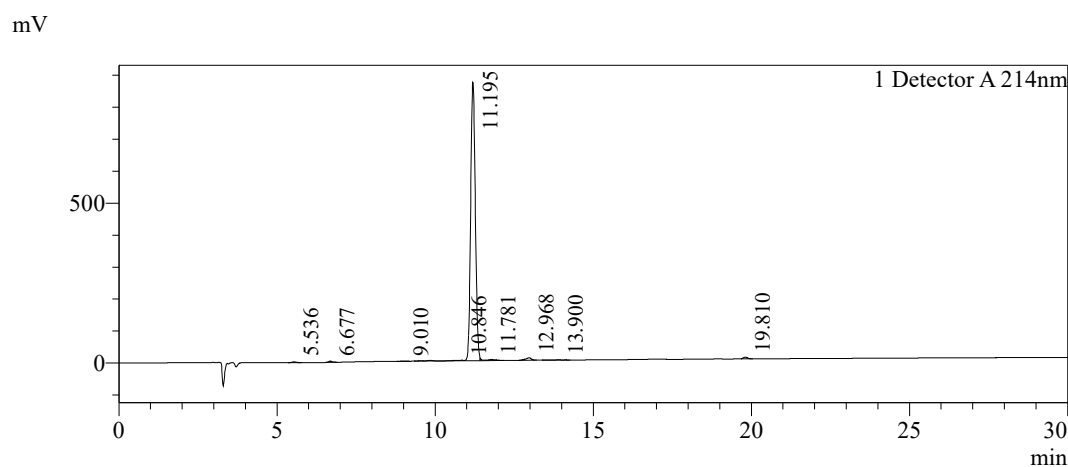
Sep/05/2023



### Sample Information

Order ID	:MTFA30415-1		
Name	:tLyP-1 peptide		
Sequence	:CGNKRTR (Acetate Salt)		
Lot. No	:MTFA30415-1-0828		
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	: 25ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	0.1
30.00	Pumps	B.Conc	30
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	0.1
50.00	Controller	Stop	

### Chromatogram

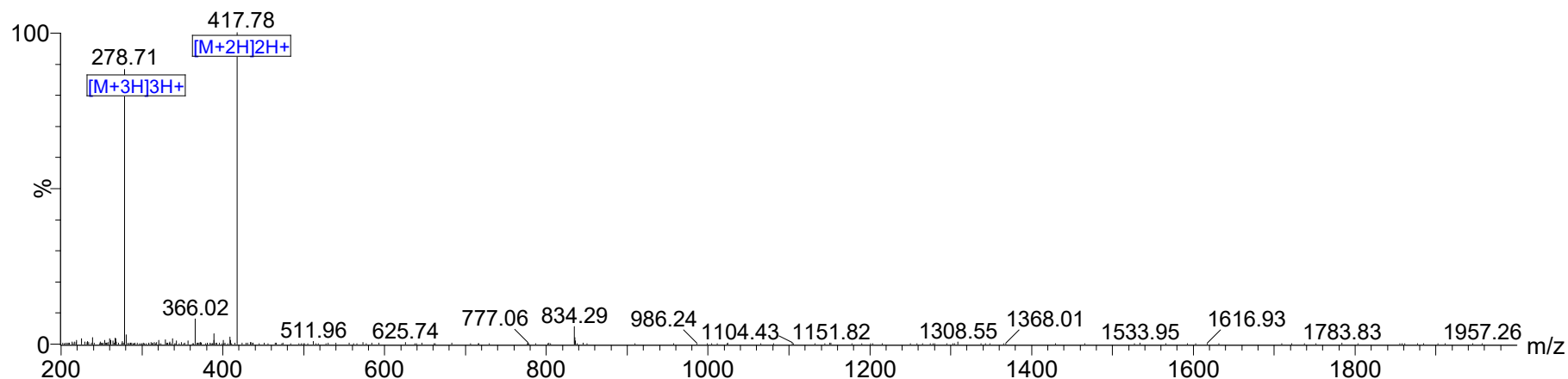


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	5.536	27239	2731	0.294
2	6.677	28019	3673	0.302
3	9.010	10075	991	0.109
4	10.846	79486	1765	0.857
5	11.195	8894108	870963	95.848
6	11.781	79326	3436	0.855
7	12.968	100688	7823	1.085
8	13.900	15353	847	0.165
9	19.810	45064	5120	0.486
Total		9279357	897350	100.000

## MS Spectrum

Positive  
Intensity


Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:8/31/2023 9:16:41	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	: MTFA30415-1
Name	: tLyP-1 peptide
Sequence	: CGNKRTR (Acetate salt)
Lot.No	: MTFA30415-1-0828
Theoretical	: 833.96
Observed	: 833.56