

## CERTIFICATE OF ANALYSIS

Product Name	Soymorphin-5 peptide, Cat.#: 301906
Lot No.	MTFA30366-2-0810
Sequence	YPFVV
Dissolution condition	100%H <sub>2</sub> O
Length	5AA
Modification	N/A
Molecular Weight (MW)	623.75
Storage	-20°C

Test Items	Specifications	Results
MW by MS	623.60	Conforms
Purity by HPLC	>95%	99.884%
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	40mg	5.0mg*8

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/16/2023

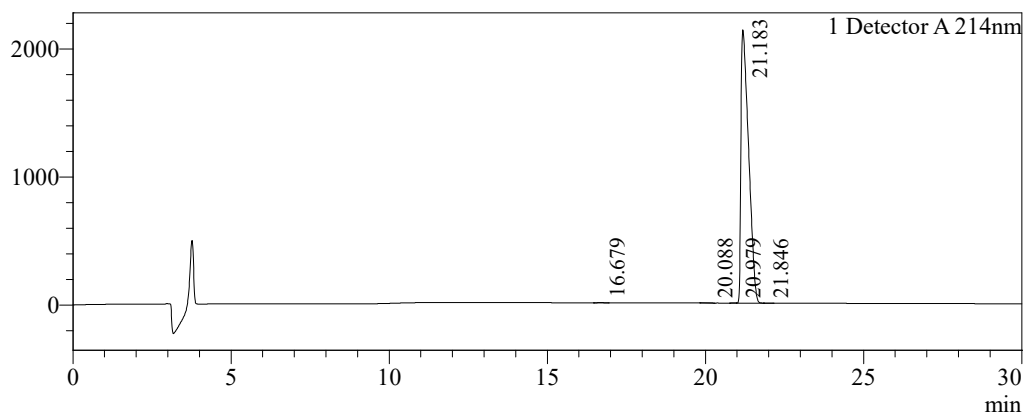


### Sample Information

Order ID :MTFA30366-2  
 Name :Soymorphin-5 peptide  
 Sequence :YPFVV  
 Lot. No :MTFA30366-2-0810  
 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%H<sub>2</sub>O  
 Inj. Volume : 25ul  
 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

mV

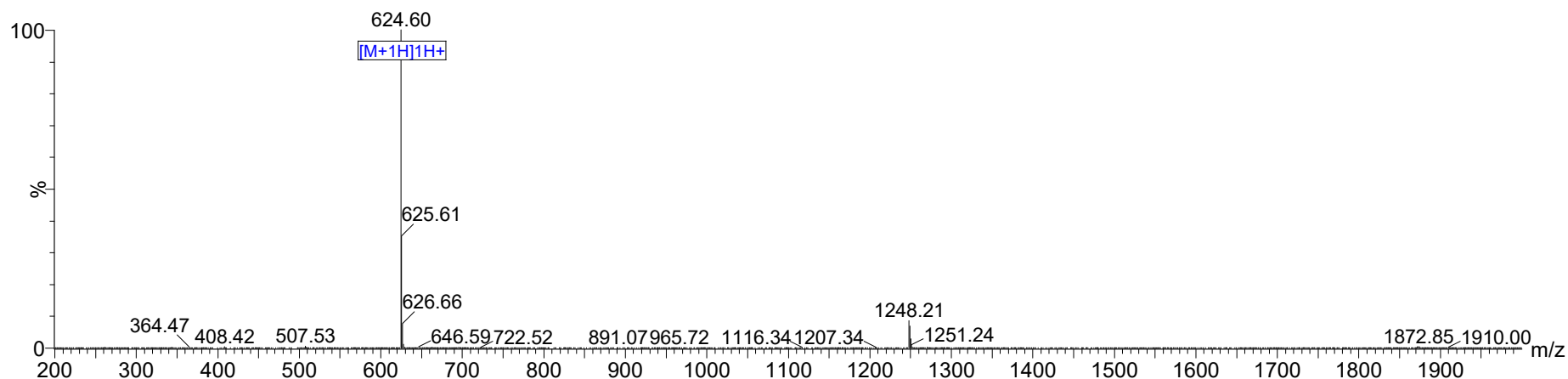


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	16.679	26796	3093	0.075
2	20.088	5374	373	0.015
3	20.979	6664	863	0.019
4	21.183	35891681	2134484	99.884
5	21.846	2764	375	0.008
Total		35933278	2139188	100.000

## MS Spectrum

Positive  
Intensity


Dissolution method	:15%ACN+85%H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/3/13 13:56:28	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%H <sub>2</sub> O/50%MEOH

Order ID	: MTFA30366-2
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Sequence	: YPFVV
Lot.No	: MTFA30366-2-0810
Theoretical	: 623.75
Observed	: 623.60