

## CERTIFICATE OF ANALYSIS

Product Name	PTP Peptide, Cat.#: 319841
Lot No.	MTFA33155-250804
Sequence	KTLLPTP
Dissolution condition	100%H <sub>2</sub> O
Modification	N/A
Molecular Weight (MW)	768.93
Storage	-20°C

Test Items	Specifications	Results
MW by MS	769.10	Conforms
Purity by HPLC	>95%	95.506%
TFA 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	1g	100.0mg*10

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:



Aug/07/2025

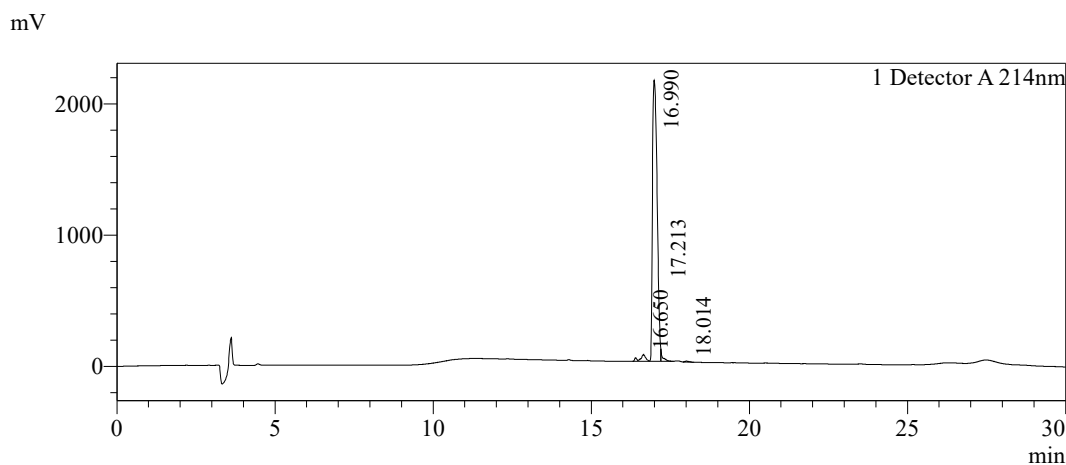
Quality Assurance Department



### Sample Information

Order ID	:MTFA33155		
Name	:PTP Peptide		
Sequence	:KTLLPTP		
Lot. No	:MTFA33155-250804		
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	:100%H <sub>2</sub> O		
Inj. Volume	: 25ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	5
30.00	Pumps	B.Conc	95
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	5
50.00	Controller	Stop	

### Chromatogram

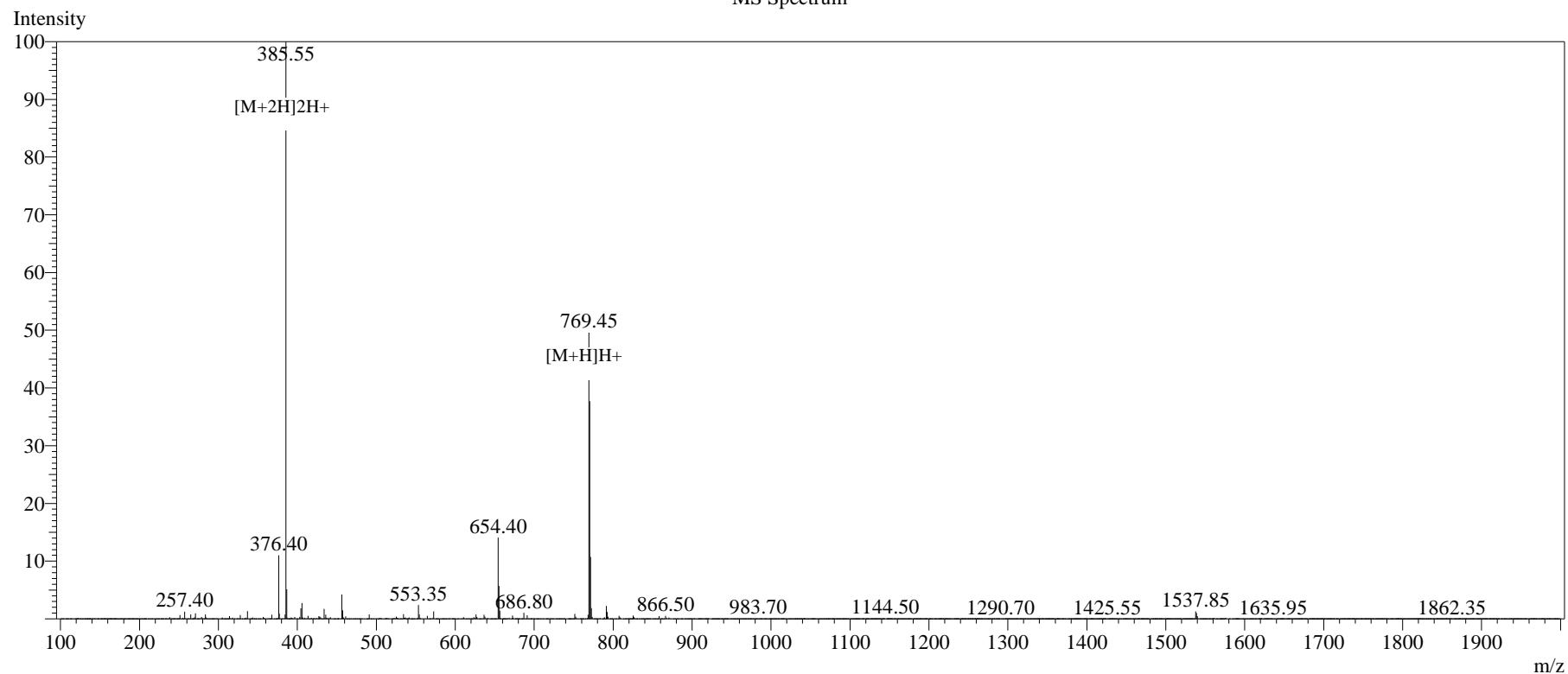


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	16.650	647189	50669	2.796
2	16.990	22108216	2141272	95.506
3	17.213	331525	75926	1.432
4	18.014	61504	7183	0.266
Total		23148435	2275050	100.000

# MS Spectrum



## Sample Information

Dissolution method	:15% ACN+85% H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/08/06 16:01:02	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 <sub>2</sub> O/50% ME OH
Order ID	:MTFA33155				
Name	:PTP Peptide				
Sequence	:KTLLPTP				
Lot.No	:MTFA33155-250804				
Theoretical	:768.93				
Observed	:769.10				