

## CERTIFICATE OF ANALYSIS

Product Name	TRT Pep T12, Cat.#: 318893
Lot No.	MTFA32975-250625
Sequence	THRPPMWSPVWP
Dissolution condition	100%H <sub>2</sub> O
Length	12AA
Modification	N/A
Molecular Weight (MW)	1490.73
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1490.80	Conforms
Purity by HPLC	>95%	95.702%
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	200mg	5.0mg*40

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:



Jun/27/2025

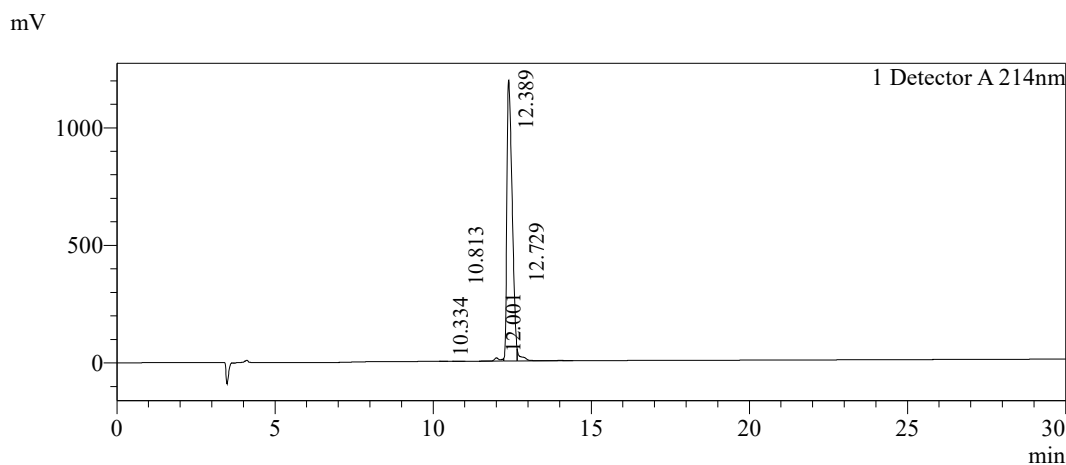
Quality Assurance Department



### Sample Information

Order ID	:MTFA32975		
Name	:TRT Pep T12		
Sequence	:THRPPMWSPVWP		
Lot. No	:MTFA32975-250625		
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	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

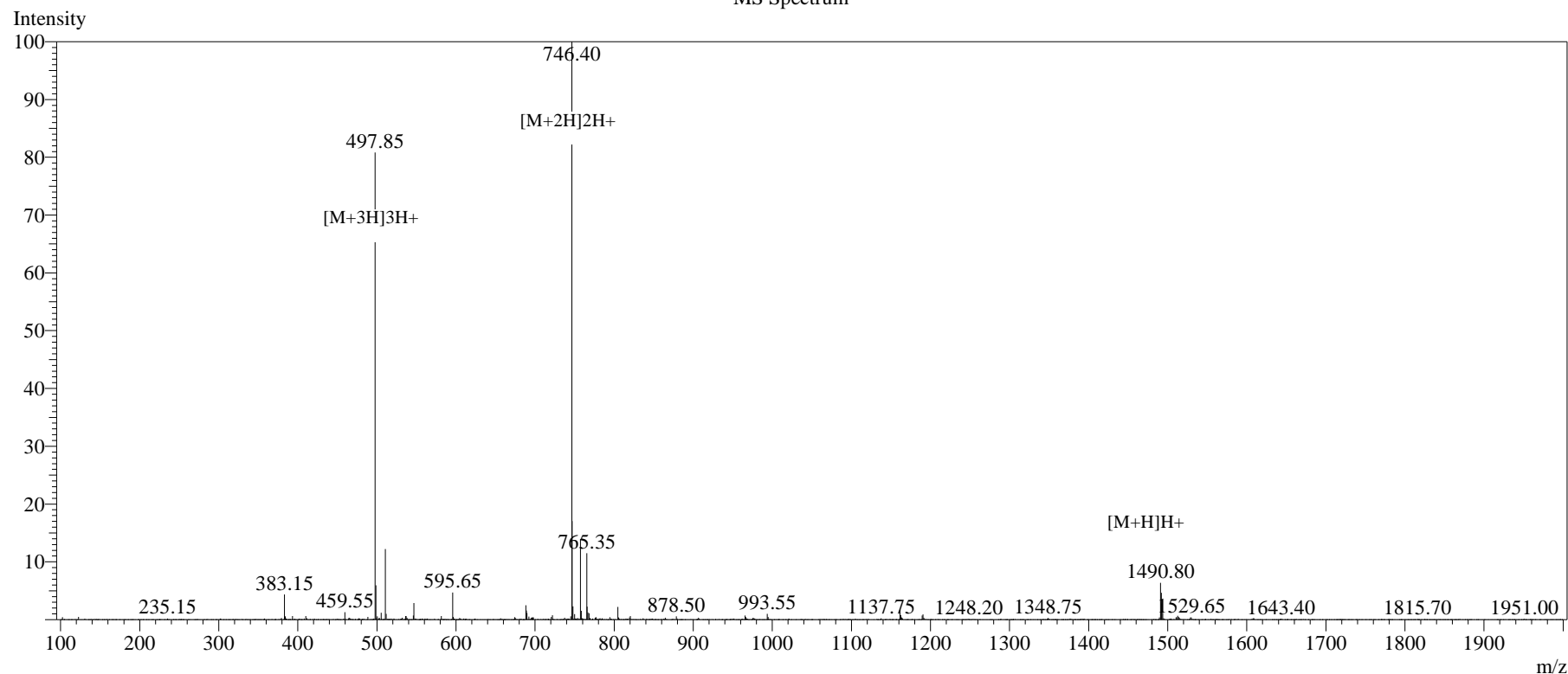


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	10.334	1516	192	0.010
2	10.813	4256	458	0.029
3	12.001	185479	13855	1.269
4	12.389	13982548	1194013	95.702
5	12.729	436709	21173	2.989
Total		14610508	1229690	100.000

# MS Spectrum



## Sample Information

Dissolution method	:15% ACN+85% H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/06/26 11:05:48	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	:MTFA32975				
Name	:TRT Pep T12				
Sequence	:THRPPMWSPVWP				
Lot.No	:MTFA32975-250625				
Theoretical	:1490.73				
Observed	:1490.80				