

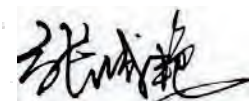
CERTIFICATE OF ANALYSIS

Product Name	THR-184 peptide, TFA removed
Lot No.	MTFA30585-1010
Sequence	C*YYDNSSSVLC*KRYRS(Acetate Salt)
Dissolution condition	100%H2O
Length	16AA
Modification	disulfide bond
Molecular Weight (MW)	1942.12
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1942.05	Conforms
Purity by HPLC	>95%	96.739%
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	500mg	20.0mg*25

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:



Nov/20/2023



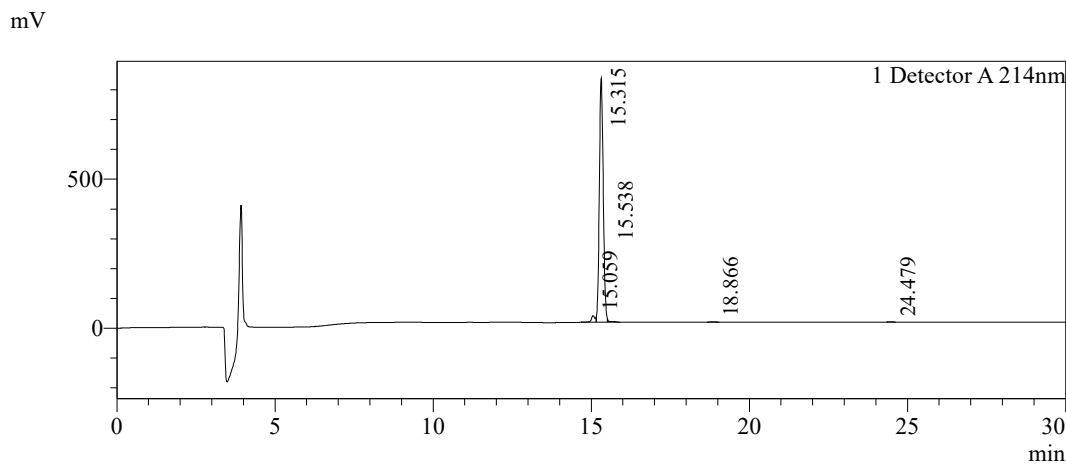
Quality Assurance Department

Sample Information

Order ID :MTFA30585
 Name :THR-184 peptide
 Sequence :C*YYDNSSSVLC*KRYRS(Acetate Salt)
 Lot. No :MTFA30585-1010
 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 :Phenomenex Luna® 5 µm C18(2) (4.6*250mm*5 µm)
 Dissolution method :100%H2O
 Inj. Volume : 20ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	15
30.00	Pumps	B.Conc	45
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	15
50.00	Controller	Stop	

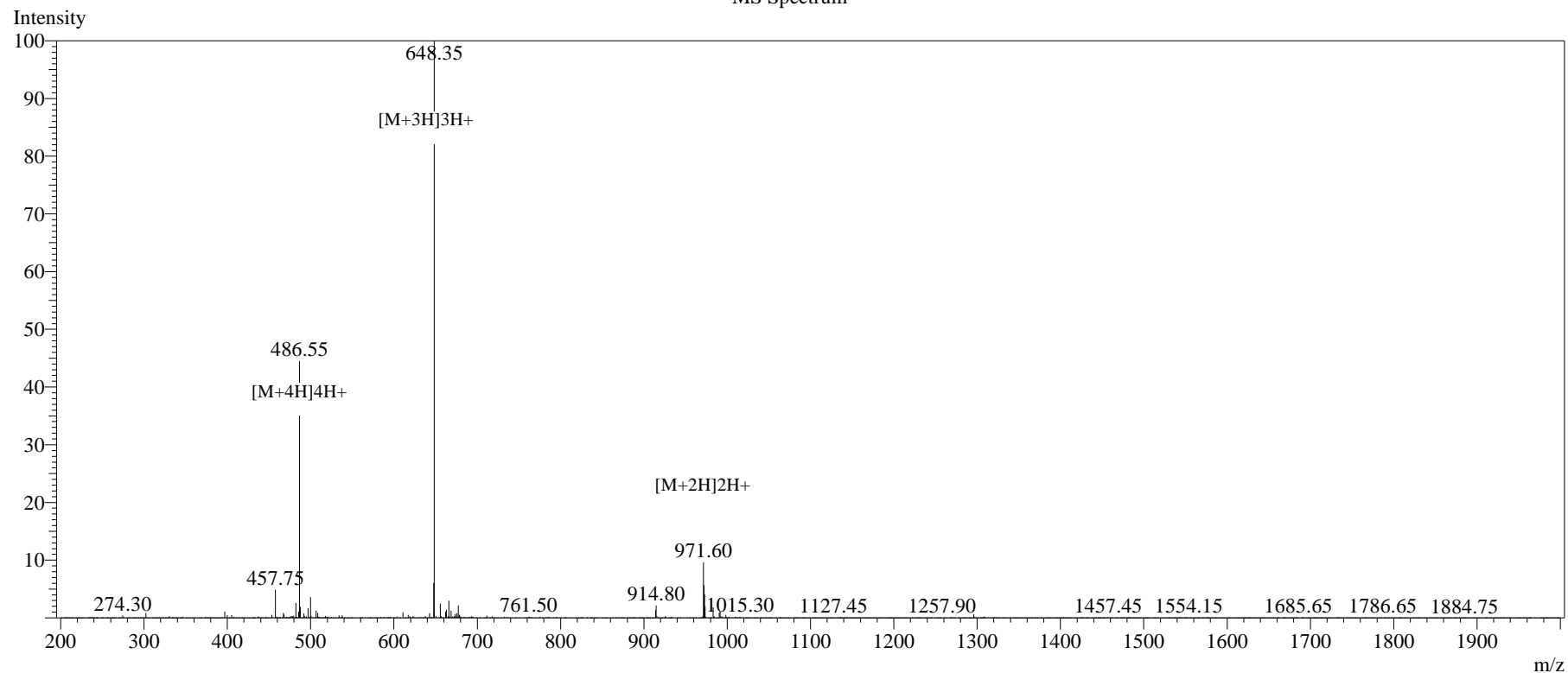
Chromatogram



Peak Table

Detector A 214nm				
Peak#	Ret. Time	Area	Height	Area%
1	15.059	186291	21837	2.564
2	15.315	7029551	817807	96.739
3	15.538	38185	5480	0.525
4	18.866	7800	926	0.107
5	24.479	4715	656	0.065
Total		7266543	846706	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/11/16 17:02:48	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 ₂ O/50% MEOH

Order ID	:MTFA30585
Name	:THR-184 peptide
Sequence	:C*YYDNSSSVLC*KRYRS(Acetate Salt)
Lot.No	:MTFA30585-1010
Theoretical	:1942.12
Observed	:1942.05