

CERTIFICATE OF ANALYSIS

Product Name	Development regulating peptide Hym-248, Cat#304370 (TFA removed)
Lot No.	MTFA31183-0328
Sequence	EPLPIGLW-NH2 (Acetate Salt)
Dissolution condition	100%H2O
Length	8AA
Modification	acetate salt
Molecular Weight (MW)	923.11
Storage	-20°C

Test Items	Specifications	Results
MW by MS	922.75	Conforms
Purity by HPLC	>95%	96.820%
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	100mg	5.0mg*20

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

Apr/08/2024



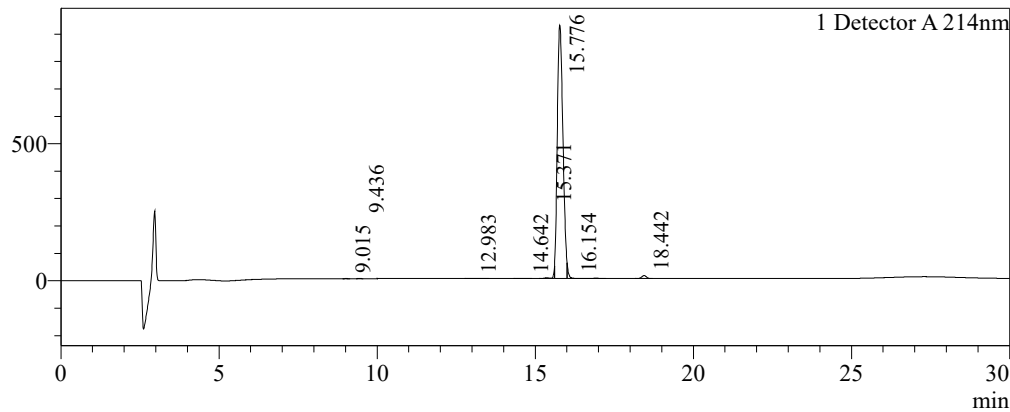
Sample Information

Order ID :MTFA31183
 Name :Hym-248 (TFA removed)
 Sequence :EPLPIGLW-NH2 (Acetate Salt)
 Lot. No :MTFA31183-0328
 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%H2O
 Inj. Volume :10ul

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

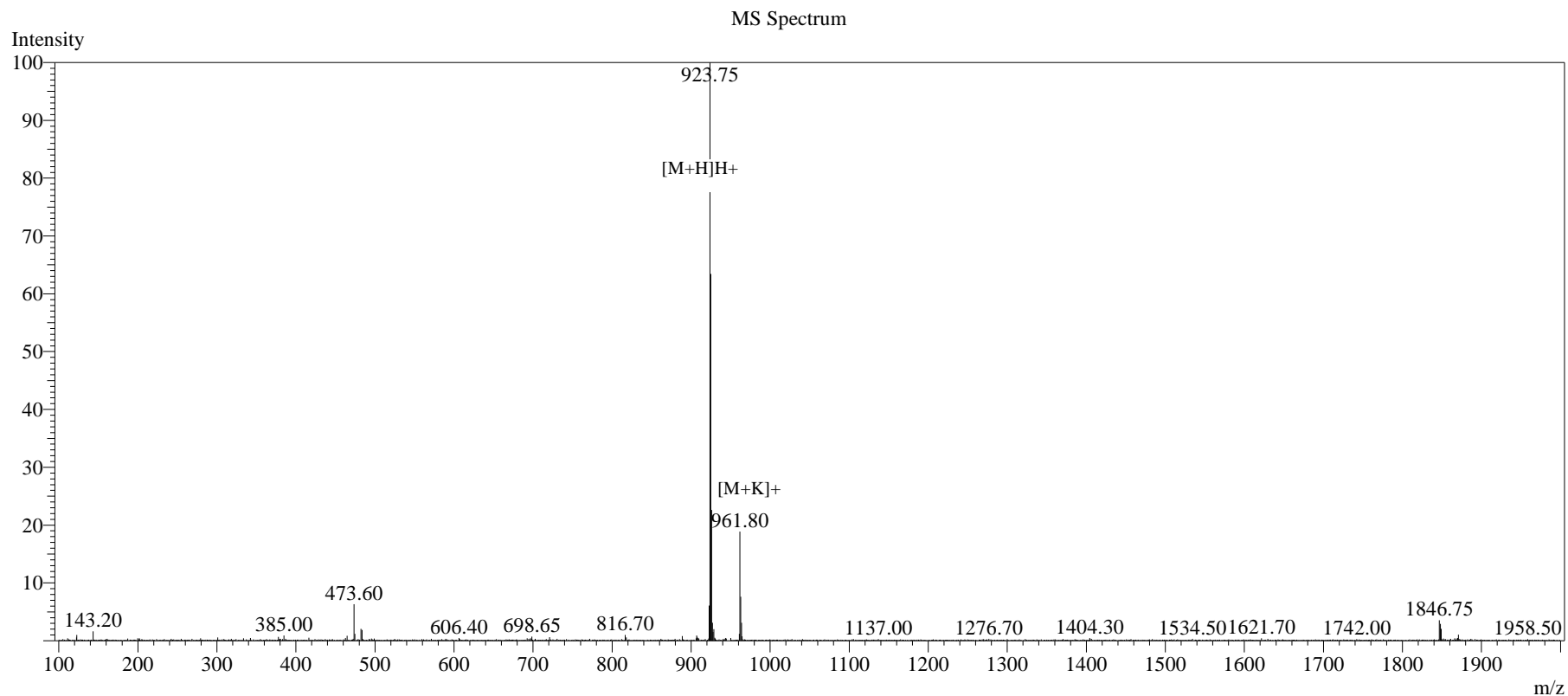
mV



Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	9.015	679	115	0.006
2	9.436	1142	196	0.010
3	12.983	4409	263	0.037
4	14.642	7811	526	0.066
5	15.371	101168	2259	0.854
6	15.776	11465196	923678	96.820
7	16.154	153948	1971	1.300
8	18.442	107466	10827	0.908
Total		11841819	939835	100.000



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/04/07 13:25:26	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	:MTFA31183
Name	:Hym-248 (TFA removed)
Sequence	:EPLPIGLW-NH ₂ (Acetate Salt)
Lot.No	:MTFA31183-0328
Theoretical	:923.11
Observed	:922.75