

CERTIFICATE OF ANALYSIS

Product Name	Sex pheromone cCF10 peptide, Cat.#: 305104
Lot No.	MTFA31114-0315
Sequence	LVTLVFV
Dissolution condition	2%NH3.H2O+18%ACN+80%H2O
Length	7AA
Modification	N/A
Molecular Weight (MW)	790.00
Storage	-20°C

Test Items	Specifications	Results
MW by MS	789.70	Conforms
Purity by HPLC	>95%	95.091%
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

Mar/29/2024

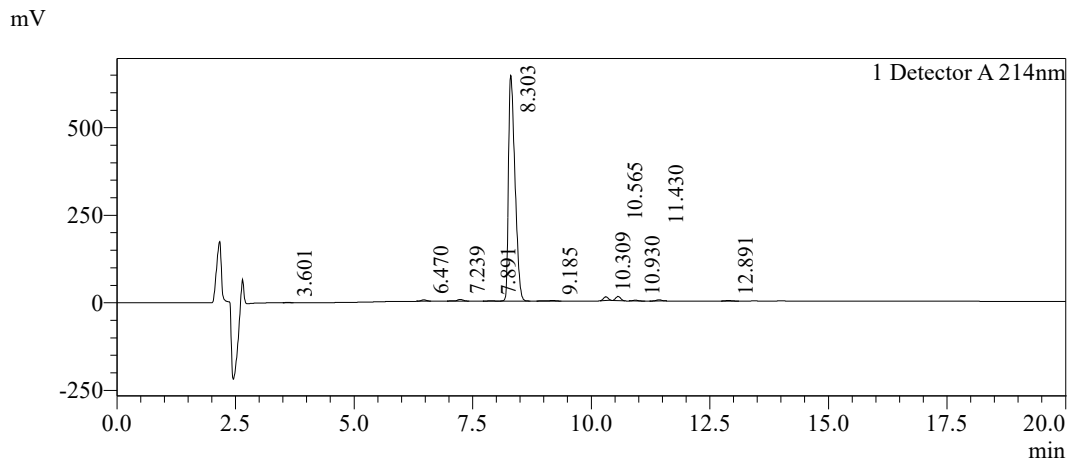


Sample Information

Order ID :MTFA31114
 Name :Sex pheromone cCF10
 Sequence :LVTLVFV
 Lot. No :MTFA31114-0315
 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 :2%NH3.H2O+18%ACN+80%H2O
 Inj. Volume : 20ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	35
20.00	Pumps	B.Conc	55
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	35
50.00	Controller	Stop	

Chromatogram

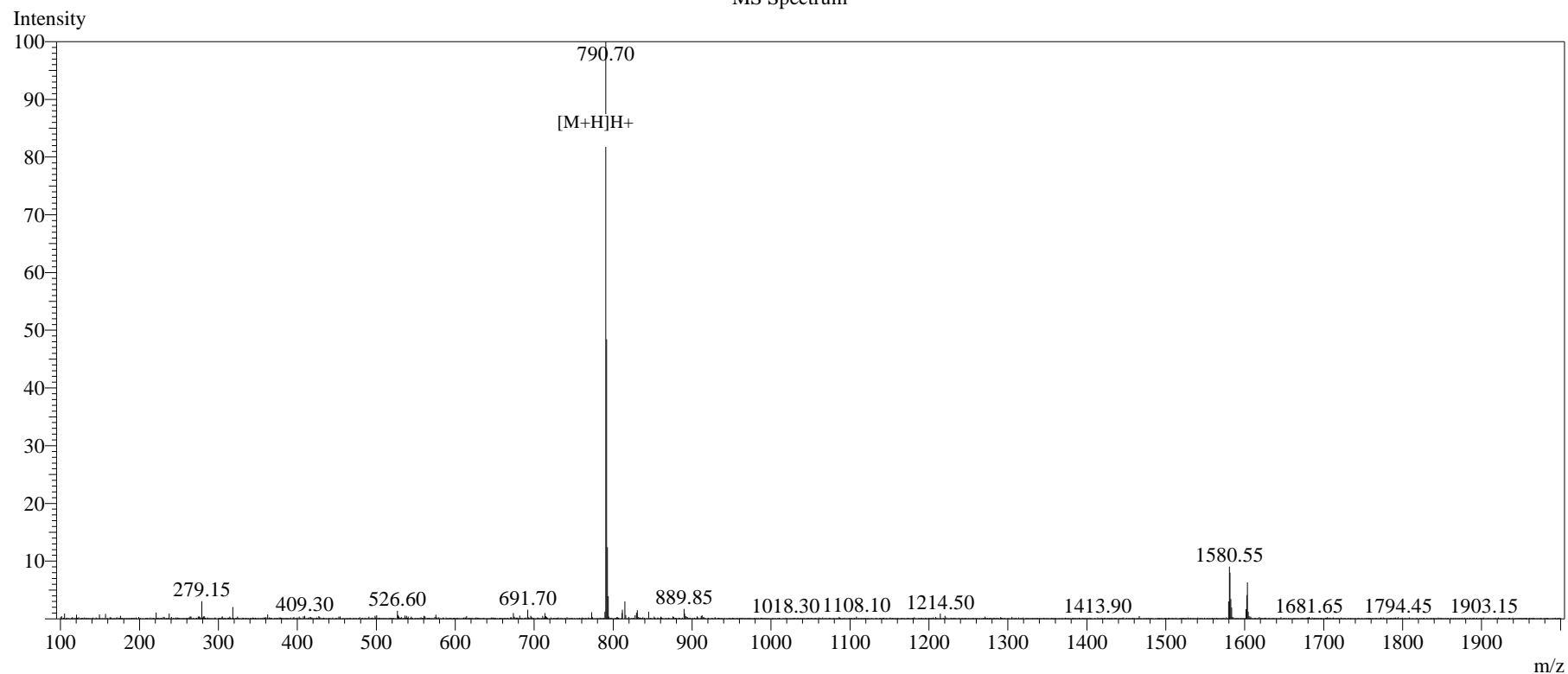


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	3.601	6908	1230	0.107
2	6.470	28500	3792	0.441
3	7.239	43113	4705	0.666
4	7.891	6579	1006	0.102
5	8.303	6151191	643948	95.091
6	9.185	21506	1614	0.332
7	10.309	70195	10460	1.085
8	10.565	85324	11935	1.319
9	10.930	16788	2218	0.260
10	11.430	26024	3318	0.402
11	12.891	12612	1613	0.195
Total		6468741	685839	100.000

MS Spectrum



Sample Information

Dissolution method	:2%NH ₃ .H ₂ O+18%ACN+80%H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/03/28 15:22:47	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	:MTFA31114
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Sequence	:LVTLVfV
Lot.No	:MTFA31114-0315
Theoretical	:790.00
Observed	:789.70