

CERTIFICATE OF ANALYSIS

Product Name	Sex Pheromone Inhibitor iPD1 peptide
Lot No.	GTA34820-1214
Sequence	ALILTLVS
Dissolution condition	15%ACN+85%H2O
Length	8AA
Modification	N/A
Molecular Weight (MW)	829.02
Storage	-20°C

Test Items	Specifications	Results
MW by MS	829.00	Conforms
Purity by HPLC	>95%	95.752%
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	5mg	5.0mg

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

Jan/05/2023

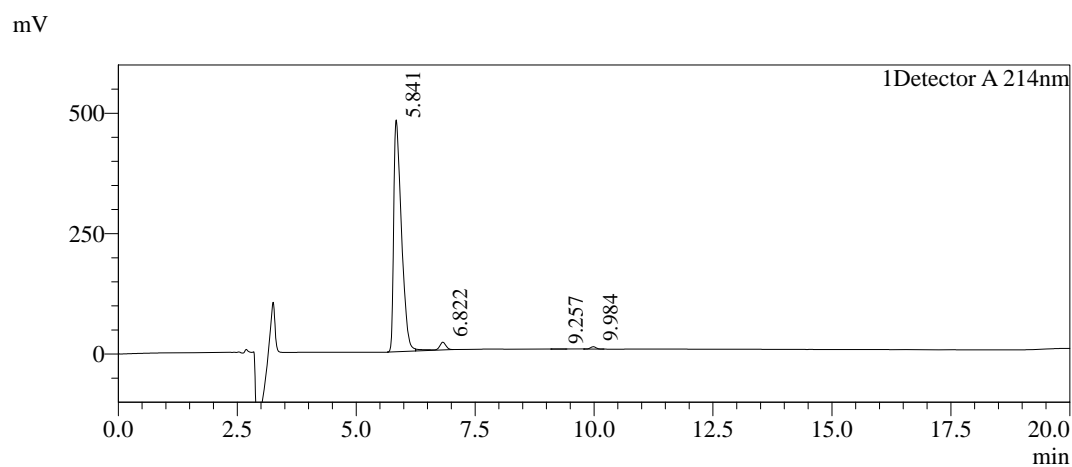


Sample Information

Order ID :GTA34820
 Name :N/A
 Sequence :ALILTLVS
 Lot. No :GTA34820-1214
 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 :YMC-Triart C18(4.6*250mm*5um)
 Dissolution method :15% ACN+85% H2O
 Inj. Volume : 40ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	30
20.00	Pumps	B.Conc	50
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	30
50.00	Controller	Stop	

Chromatogram

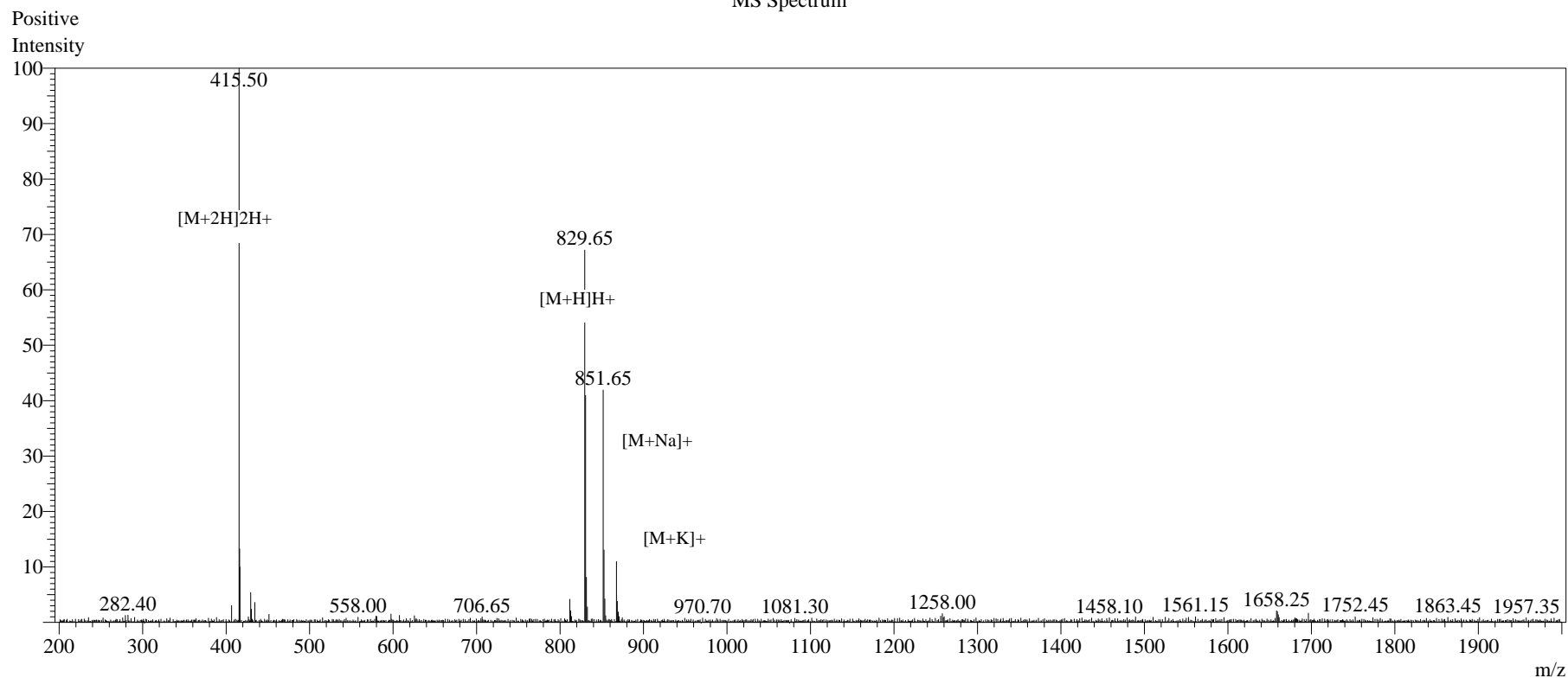


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	5.841	5413481	481482	95.752
2	6.822	194620	16078	3.442
3	9.257	3552	436	0.063
4	9.984	42016	5105	0.743
Total		5653669	503101	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/01/05 14:52:35	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Injection Volume	:0.2ul	CDL Temp	:250C	T.Flow	:0.2ml/min
Block Temp	:200	CDL Volt	:0v	B.conc	:50% H ₂ O/50% MEOH

Order ID	:GTA34820
Name	:N/A
Sequence	:ALILTLVS
Lot.No	:GTA34820-1214
Theoretical	:829.02
Observed	:829.00