

CERTIFICATE OF ANALYSIS

Product Name	(Arg8)-Vasotocin peptide, Cat.#: 312888
Lot No.	GTA34023-0221
Sequence	C*YIQNC*PRG-NH2
Dissolution condition	100%H2O
Length	9AA
Modification	Disulfide bond
Molecular Weight (MW)	1050.24
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1050.20	Conforms
Purity by HPLC	>95%	98.427%
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	10mg	5.0mg*2

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

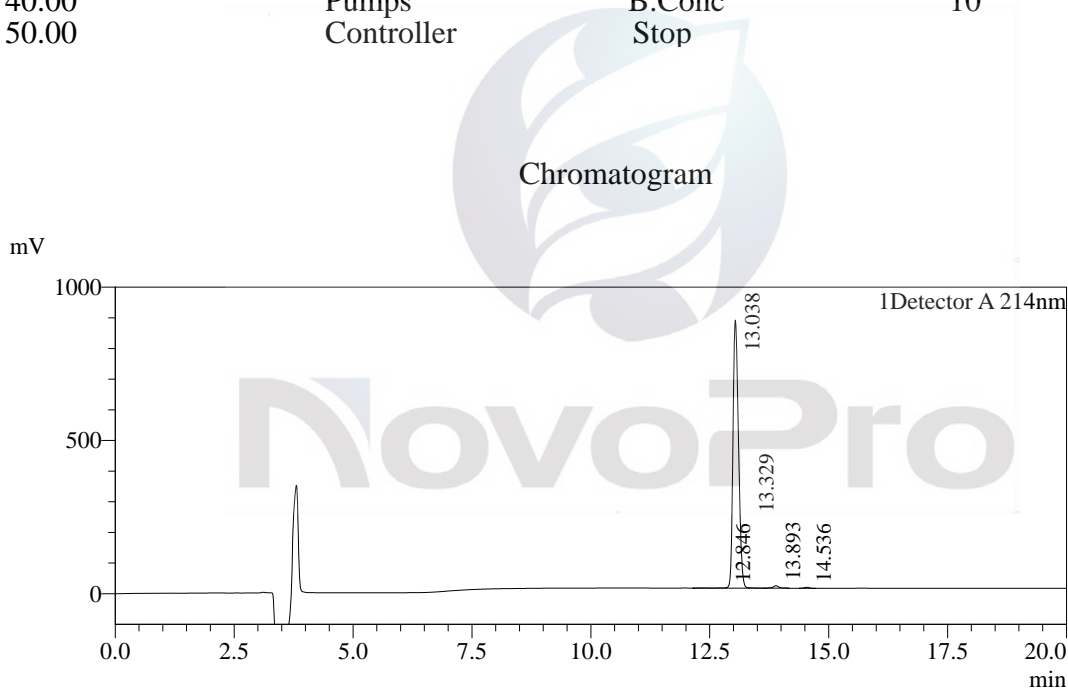
Feb/24/2022



Sample Information

Order ID :GTA34023
 Name :(Arg8)-Vasotocin peptide
 Sequence :C*YIQNC*PRG-NH2
 Lot. No :GTA34023-0221
 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 :100% H2O
 Inj. Volume : 25ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	10
20.00	Pumps	B.Conc	30
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	10
50.00	Controller	Stop	

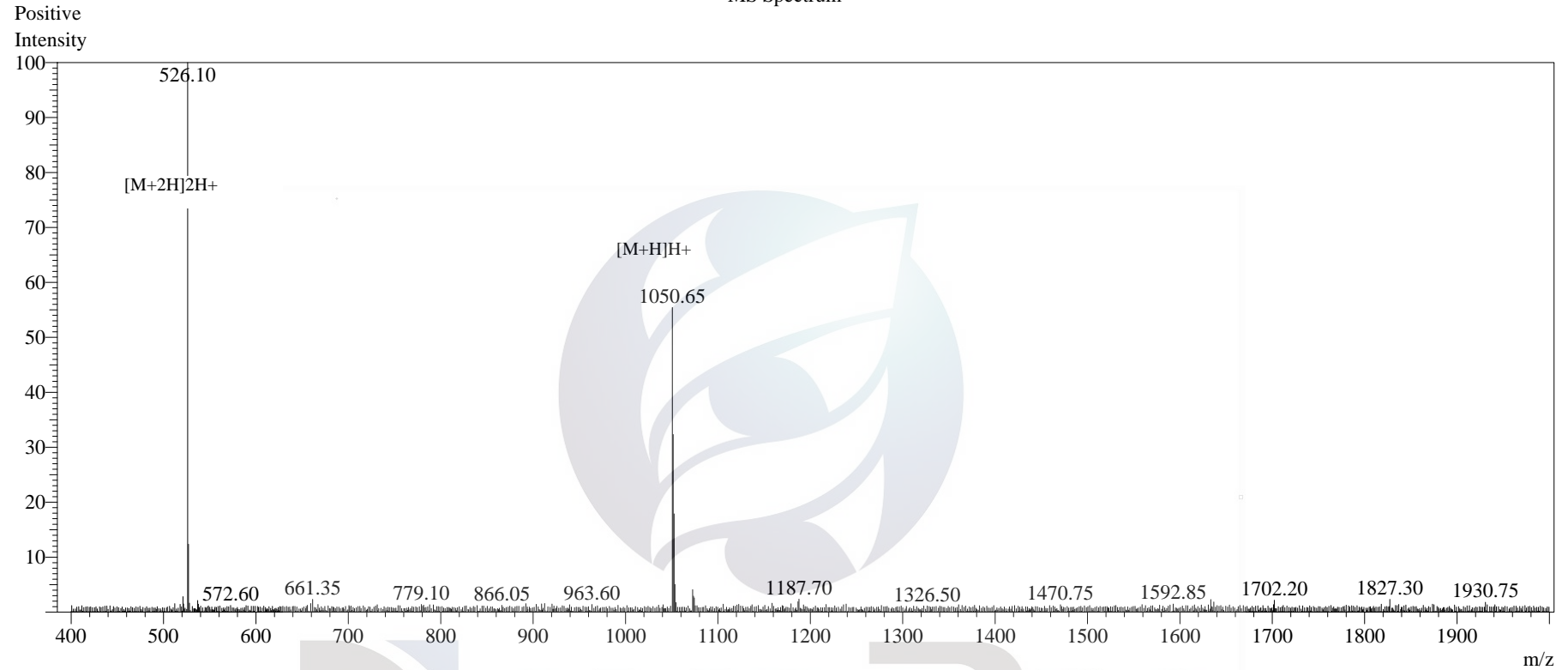


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	12.846	11880	1324	0.165
2	13.038	7096506	874656	98.427
3	13.329	8192	1226	0.114
4	13.893	70271	8302	0.975
5	14.536	23103	3276	0.320
Total		7209952	888785	100.000

MS Spectrum



Sample Information

Dissolution method	:5% HAC+8% ACN+87% H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2022/02/23 16:16:24	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% H2O/50% MEOH

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Sequence	:C*YIQNC*PRG-NH2
Lot.No	:GTA34023-0221
Theoretical	:1050.24
Observed	:1050.20