

CERTIFICATE OF ANALYSIS

Product Name	Corazonin(Cat.#312297)
Lot No.	GTA33875-2-1209
Sequence	pE-TFQYSRGWTN-NH2(Desalt)
Dissolution condition	100%H2O
Length	11AA
Modification	TFA Removal; pE
Molecular Weight (MW)	1369.46
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1369.50	Conforms
Purity by HPLC	>95%	96.221%
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	20mg	5.0mg*4

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

10-Jan-2022

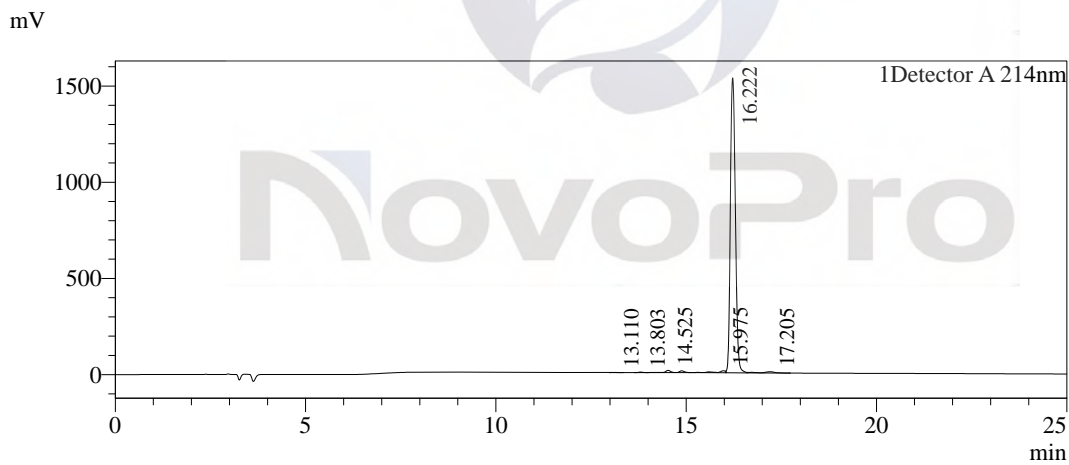


Sample Information

Order ID :GTA33875-2
 Name :Coraonin(Cat.#312297)
 Sequence :pE-TFQYSRGWTN-NH2(Desalt)
 Lot. No :GTA33875-2-1209
 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 : 15ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	15
25.00	Pumps	B.Conc	40
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	15
50.00	Controller	Stop	

Chromatogram



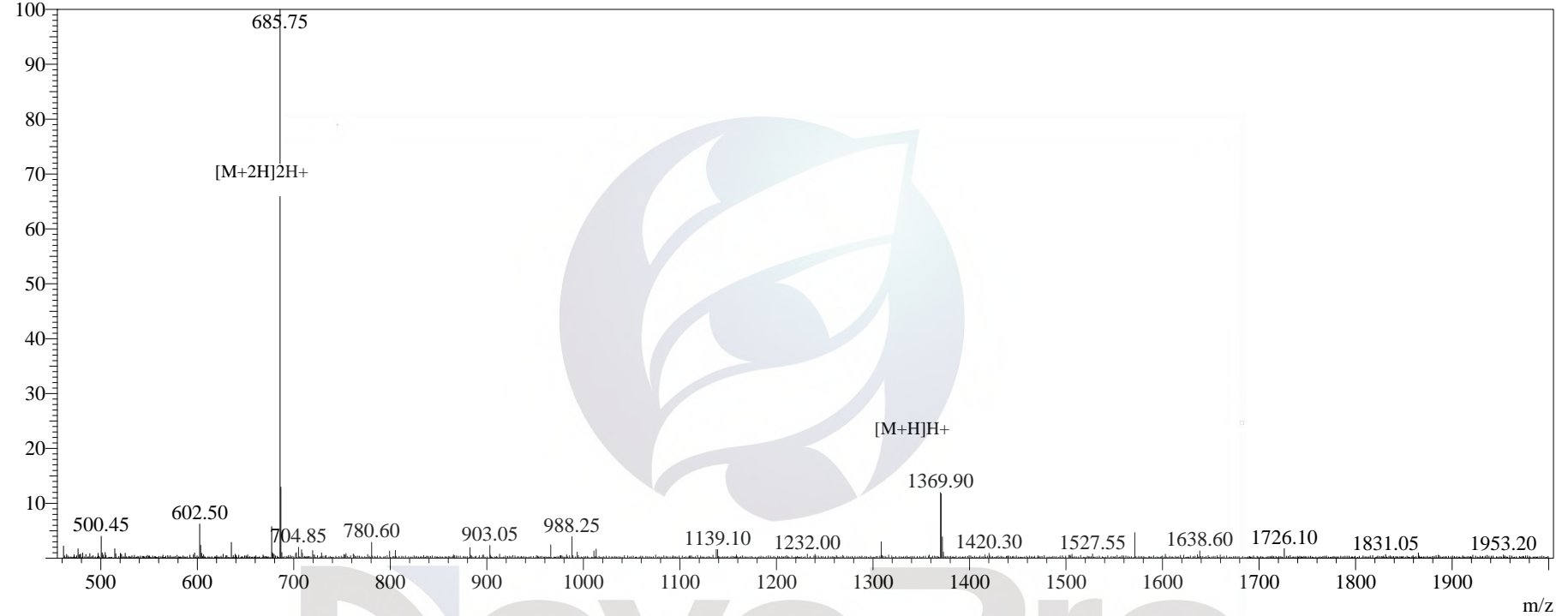
Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	13.110	3796	364	0.026
2	13.803	20955	2751	0.145
3	14.525	205974	11956	1.427
4	15.975	165178	10673	1.144
5	16.222	13889573	1532750	96.221
6	17.205	149545	6228	1.036
Total		14435021	1564723	100.000

MS Spectrum

Positive Intensity



Sample Information

Dissolution method	:5% HAC+8% ACN+87% H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2022/01/10 16:36:33	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

Order ID	:GTA33875-2
Name	:Corazonin
Sequence	:pE-TFQYSRGWTN-NH2(Desalt)
Lot.No	:GTA33875-2-1209
Theoretical	:1369.46
Observed	:1369.50