

CERTIFICATE OF ANALYSIS

Product Name	C-type natriuretic peptide CNP-38, Cat.#: 313640
Lot No.	MTFA31149-0322
Sequence	KDLSNNPLRFRGRSKKGPSRGC*FGVKLDRIGAMSGLC*
Dissolution condition	100%H ₂ O
Length	38AA
Modification	Disulfide bond
Molecular Weight (MW)	4077.70
Storage	-20°C

Test Items	Specifications	Results
MW by MS	4077.90	Conforms
Purity by HPLC	>95%	95.279%
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

Apr/17/2024

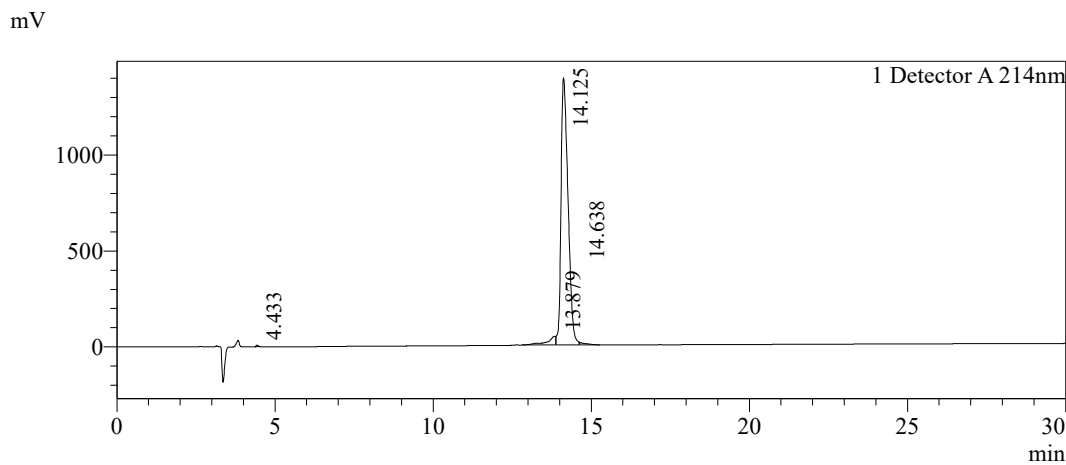


Sample Information

Order ID :MFA31149
 Name :C-type natriuretic peptide CNP-38
 Sequence :KDLSNNPLRFRGRSKKGPSRGC*FGVKLDRIGAMSGLC*
 Lot. No :MFA31149-0322
 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 :Phenomenex Luna® 5 µm C18 (2) (4.6*250mm*5 µm)
 Dissolution method :100%H2O
 Inj. Volume : 40ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	15
30.00	Pumps	B.Conc	45
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	15
50.00	Controller	Stop	

Chromatogram

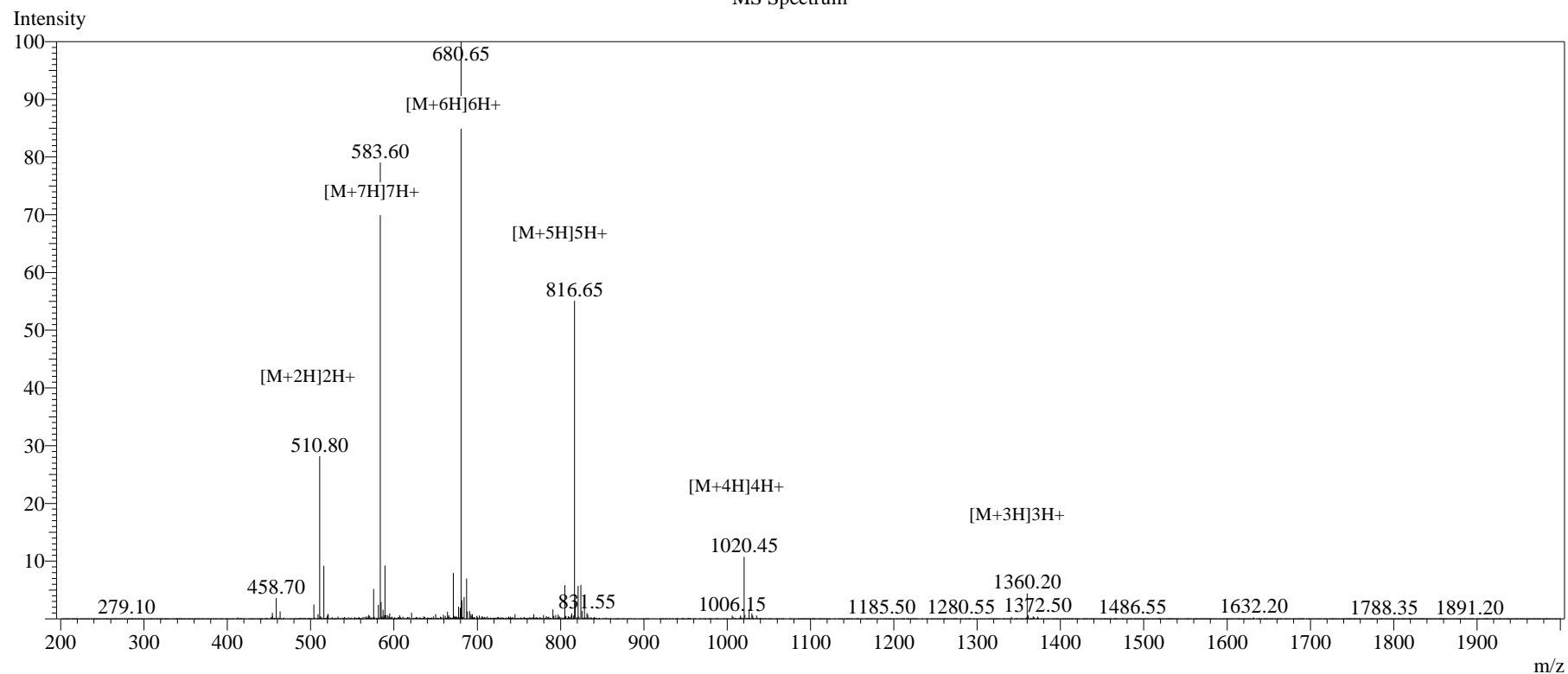


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	4.433	35242	8107	0.157
2	13.879	847854	44666	3.775
3	14.125	21399400	1389647	95.279
4	14.638	177205	13096	0.789
Total		22459700	1455516	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/04/15 16:59:23	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

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Lot.No	:MTFA31149-0322
Theoretical	:4077.70
Observed	:4077.90