

CERTIFICATE OF ANALYSIS

Product Name	Dermaseptin-S4 peptide, Cat.#: 311679
Lot No.	MTFA31279-0421
Sequence	ALWMTLLKKVLKAAAKAALNAVLVGANA
Dissolution condition	30%ACN+70%H2O
Length	28AA
Modification	N/A
Molecular Weight (MW)	2850.48
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2850.80	Conforms
Purity by HPLC	>95%	95.020%
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:

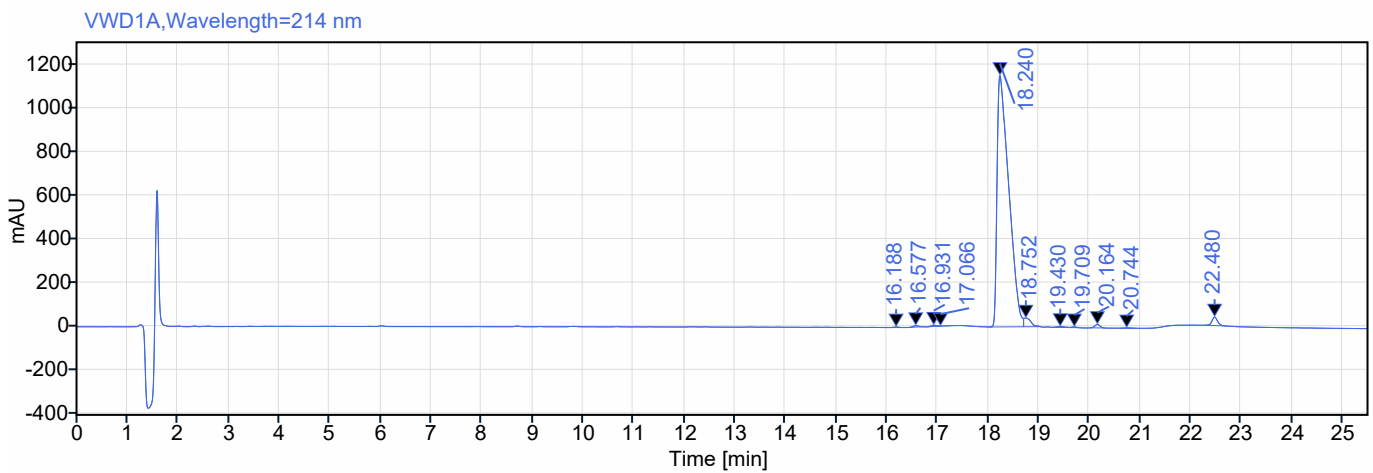


Quality Assurance Department

May/14/2024



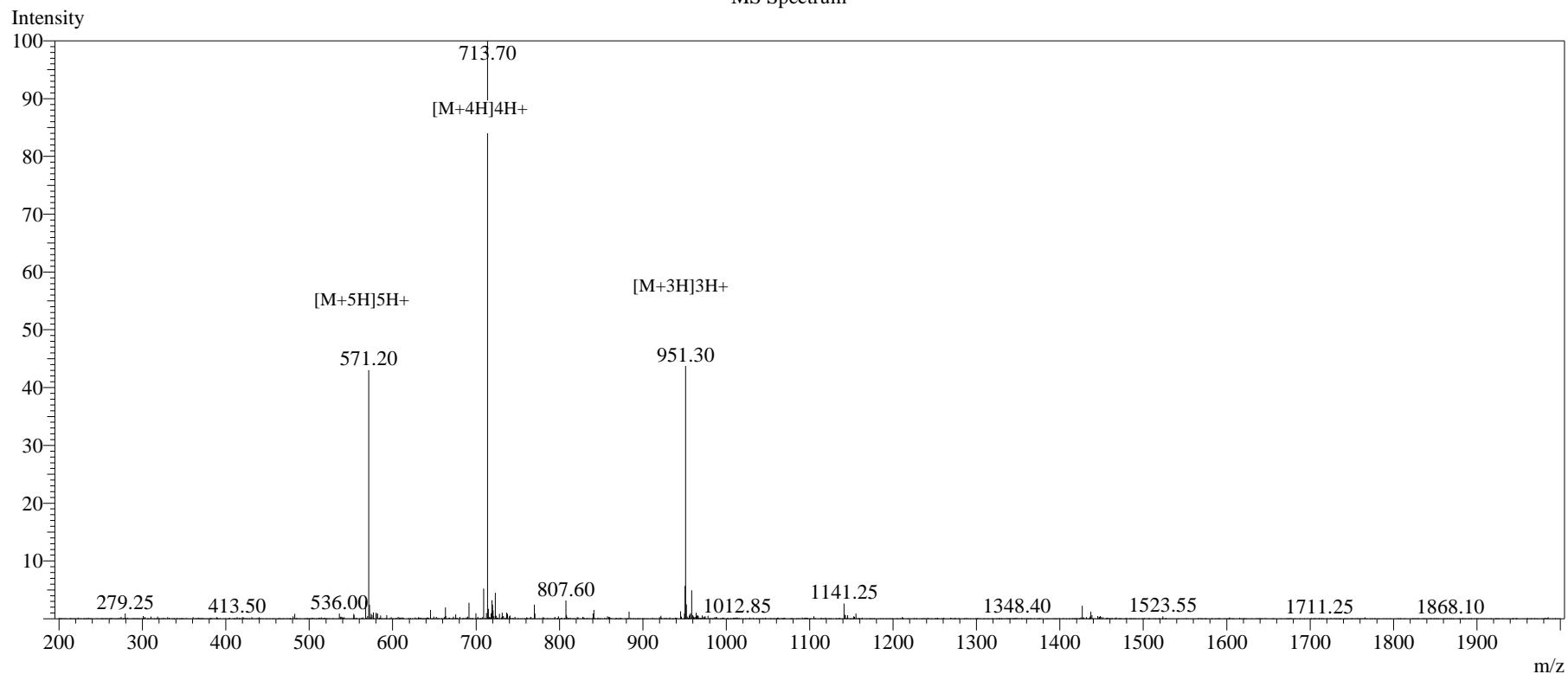
Data file: Sequence	2024-05-13 06-04-09+08-00-18.dx	Project Name:	Dermaseptin-S4
Name: Sample	0512	Operator:	admin
name: Instrument:	MTFA31279P-160	Injection date:	2024-05-13 06:05:03+08:00
Inj. volume:	LC left	Location:	P1-B7
Acq. method:	25.000	Type:	Sample
Processing method:	40-65-30ping.amx Method(3.5-25min).pmx	Sample amount:	0.00
Manually modified:	Manual Integration		



Signal: VWD1A,Wavelength=214 nm

RT [min]	Type	Width [min]	Area	Height	Area%
16.188	BM m	0.10	17.70	2.68	0.09
16.577	MM m	0.11	46.31	6.54	0.24
16.931	MM m	0.11	39.83	5.74	0.20
17.066	MM m	0.01	0.07	0.12	0.00
18.240	BM m	0.24	18505.31	1151.64	95.02
18.752	MM m	0.15	377.86	39.51	1.94
19.430	BM m	0.16	42.42	4.09	0.22
19.709	MM m	0.10	22.39	3.41	0.11
20.164	MM m	0.11	111.39	15.66	0.57
20.744	BM m	0.13	11.12	1.33	0.06
22.480	MM m	0.12	300.26	38.95	1.54
	Sum		19474.66		

MS Spectrum



Sample Information

Dissolution method	:30% ACN+70% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/05/13 17:00:04	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	:MTFA31279
Name	:Dermaseptin-S4
Sequence	:ALWMTLLKKVLKAAAKAALNAVLVGANA
Lot.No	:MTFA31279-0421
Theoretical	:2850.48
Observed	:2850.80