

CERTIFICATE OF ANALYSIS

Product Name	Drm-ETH-1 peptide, Cat.#: 308098 (TFA removed)
Lot No.	MTFA32183-1204
Sequence	DDSSPGFFLKITKNVPRL-NH2 (Acetate Salt)
Dissolution condition	100%H2O
Length	18AA
Modification	acetate salt
Molecular Weight (MW)	2033.31
Storage	-20°C

Test Items	Specifications	Results
MW by MS Purity	2033.80	Conforms
by HPLC Peptide	>95%	95.664%
content Moisture	N/A	N/A
content Acetic acid	N/A	N/A
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

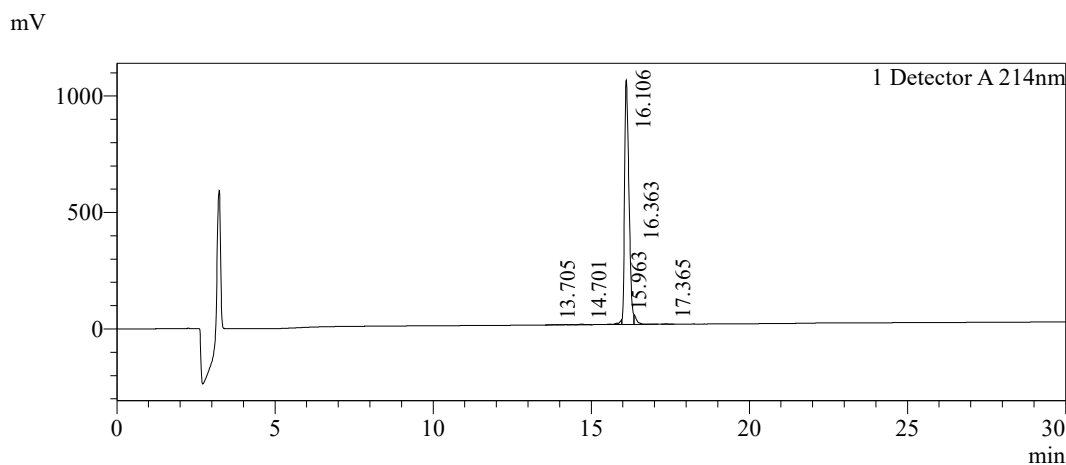
Dec/06/2024



Sample Information

Order ID	:MTFA32183		
Name	:Drm-ETH-1 peptide		
Sequence	:DDSSPGFFLKITKNVPRL-NH2 (Acetate Salt)		
Lot. No	:MTFA32183-1204		
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	:Kromasil 100-5-C18 (4.6*250mm*5 µm)		
Dissolution method	:100%H2O		
Inj. Volume	: 25ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	20
30.00	Pumps	B.Conc	50
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	20
50.00	Controller	Stop	

Chromatogram

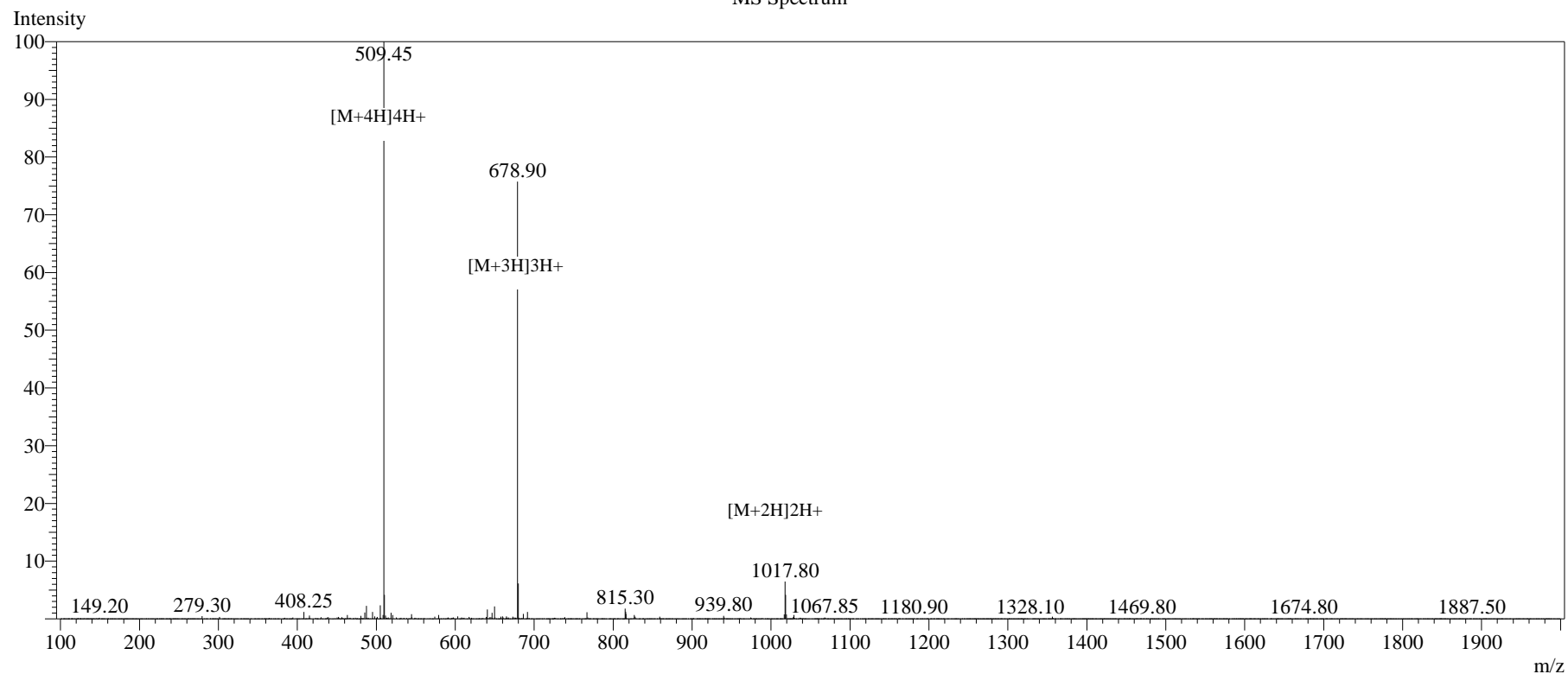


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	13.705	5770	669	0.055
2	14.701	54143	2351	0.512
3	15.963	134469	19757	1.271
4	16.106	10119108	1048092	95.664
5	16.363	251731	41341	2.380
6	17.365	12543	1576	0.119
Total		10577763	1113785	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/12/05 11:43:30	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% ME OH

Order ID	:MTFA32183
Name	:Drm-ETH-1?peptide
Sequence	:DDSSPGFFLKITYKNVPRL-NH ₂ (Acetate Salt)
Lot.No	:MTFA32183-1204
Theoretical	:2033.31
Observed	:2033.80