

CERTIFICATE OF ANALYSIS

Product Name	DP1 peptide, Cat.#: 319200 (TFA removed)
Lot No.	MTFA32891-250603
Sequence	DEHGTAVMLK (HCl Salt)
Dissolution condition	100%H ₂ O
Length	10AA
Modification	HCl Salt
Molecular Weight (MW)	1100.25
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1100.30	Conforms
Purity by HPLC	>95%	95.006%
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:



Jun/05/2025

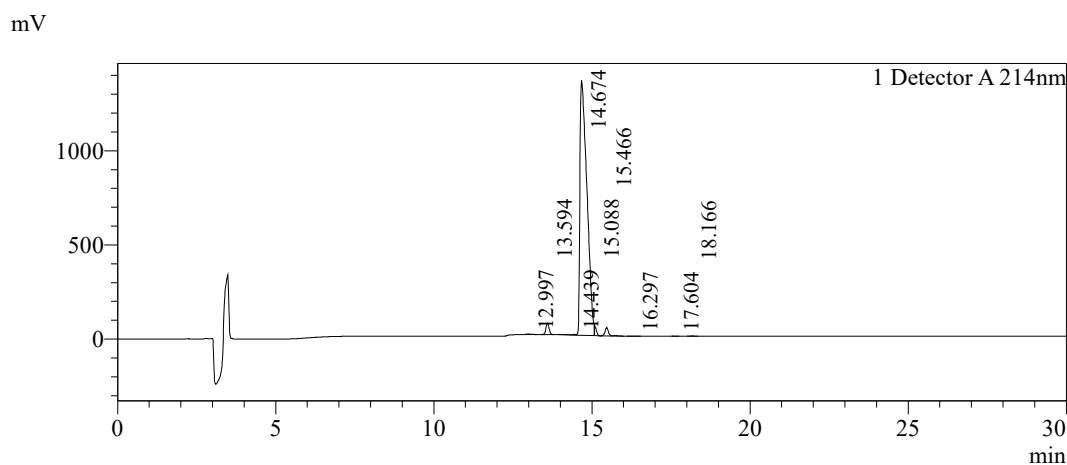
Quality Assurance Department



Sample Information

Order ID	:MTFA32891		
Name	:DP1		
Sequence	:DEHGTAVMLK (HCl Salt)		
Lot. No	:MTFA32891-250603		
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	10
30.00	Pumps	B.Conc	40
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	10
50.00	Controller	Stop	

Chromatogram

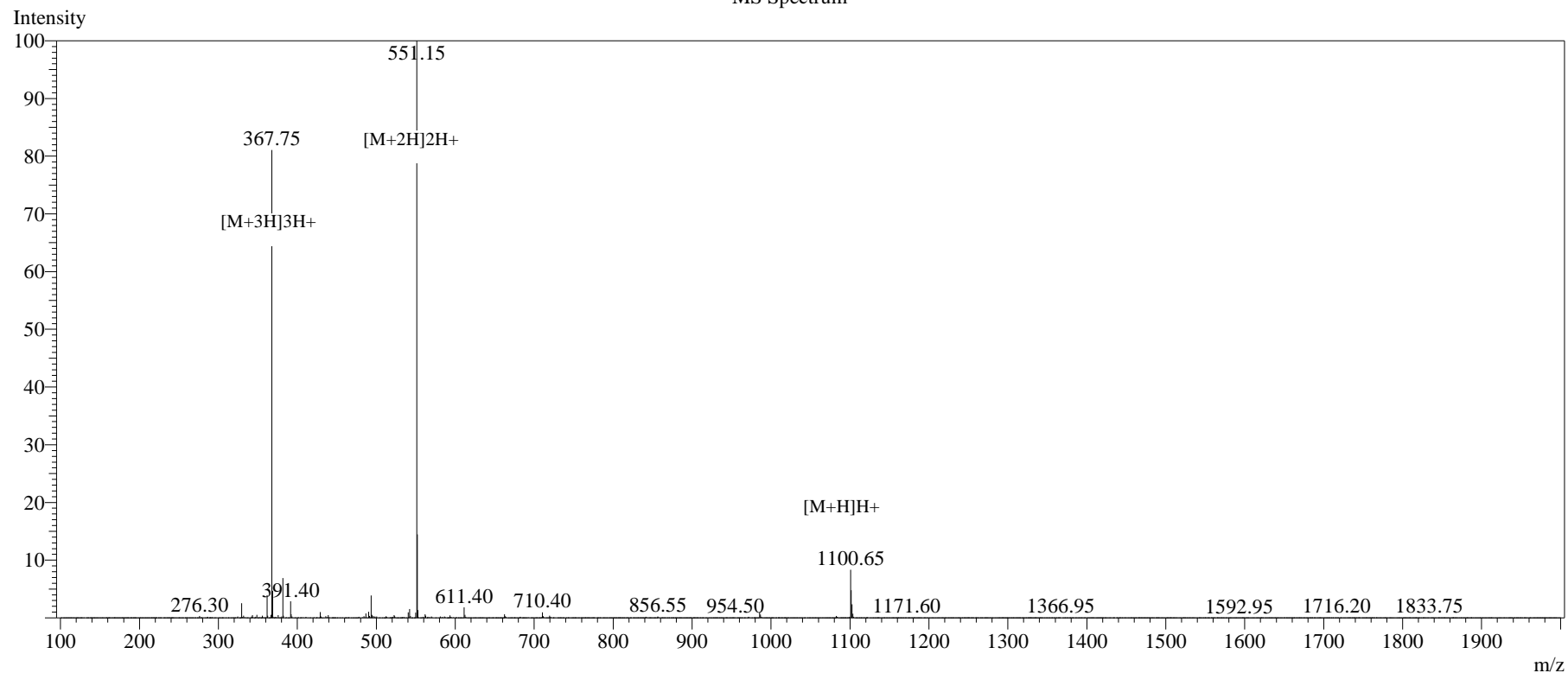


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	12.997	15790	1748	0.072
2	13.594	422296	61480	1.933
3	14.439	54157	3912	0.248
4	14.674	20759311	1352977	95.006
5	15.088	219095	54591	1.003
6	15.466	358935	43948	1.643
7	16.297	5287	464	0.024
8	17.604	1294	221	0.006
9	18.166	14321	2042	0.066
Total		21850485	1521384	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/06/04 14:05:08	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	:MTFA32891				
Name	:DP1				
Sequence	:DEHGTAVMLK (HCl Salt)				
Lot.No	:MTFA32891-250603				
Theoretical	:1100.25				
Observed	:1100.30				