For Enjoyable Discovery

CERTIFICATE OF ANALYSIS

Product Name	VD-11 peptide, Cat.#: 319890 (TFA removed)
Lot No.	MTFB21264-261030
Sequence	VDELWPPWLPC (Acetate Salt)
Dissolution condition	30%ACN+70%H2O
Modification	Acetate salt
Molecular Weight (MW)	1354.57
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1353.60	Conforms
Purity by HPLC	>95%	96.816%
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	20.0mg	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

Nov/02/2026

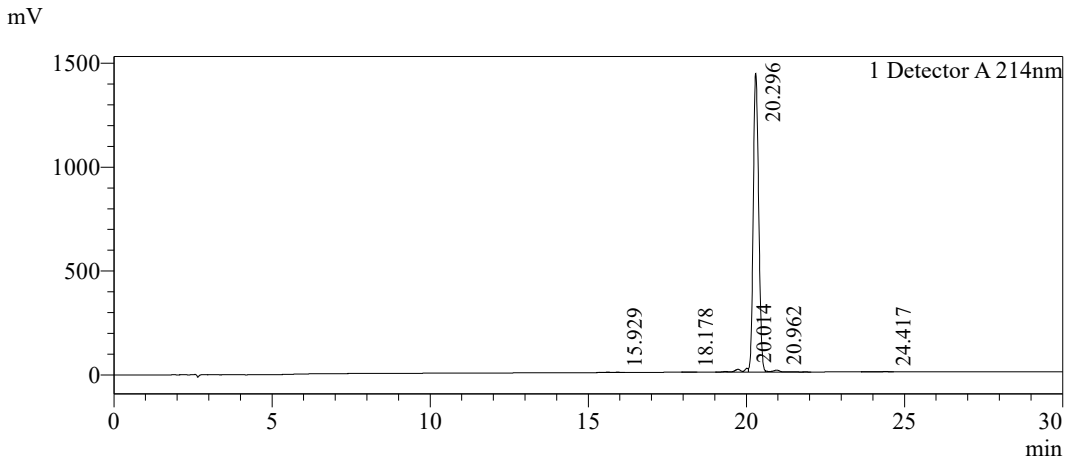
NovoPro Biosciences Inc. VERIFIED Quality Control

Sample Information

Order ID	:MTFB21264
Name	:VD-11 peptide, Cat.#: 319890 (TFA removed)
Sequence	:VDELWPPWLPC(Acetate Salt)
Lot. No	:MTFB21264-261030
Pump A	:0.1%Trifluoroacetic in 100% water
Pump B	:0.1%Trifluoroacetic in 100% acetonitrile
Total Flow	:1ml/min
Wavelength	:214nm
Analytial column type	:Kromasil 100-5-C18 (4.6*250mm*5 μm)
Dissolution method	:30%ACN+70%H2O
Inj. Volume	: 2ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	25
30.00	Pumps	B.Conc	55
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	25
50.00	Controller	Stop	

Chromatogram

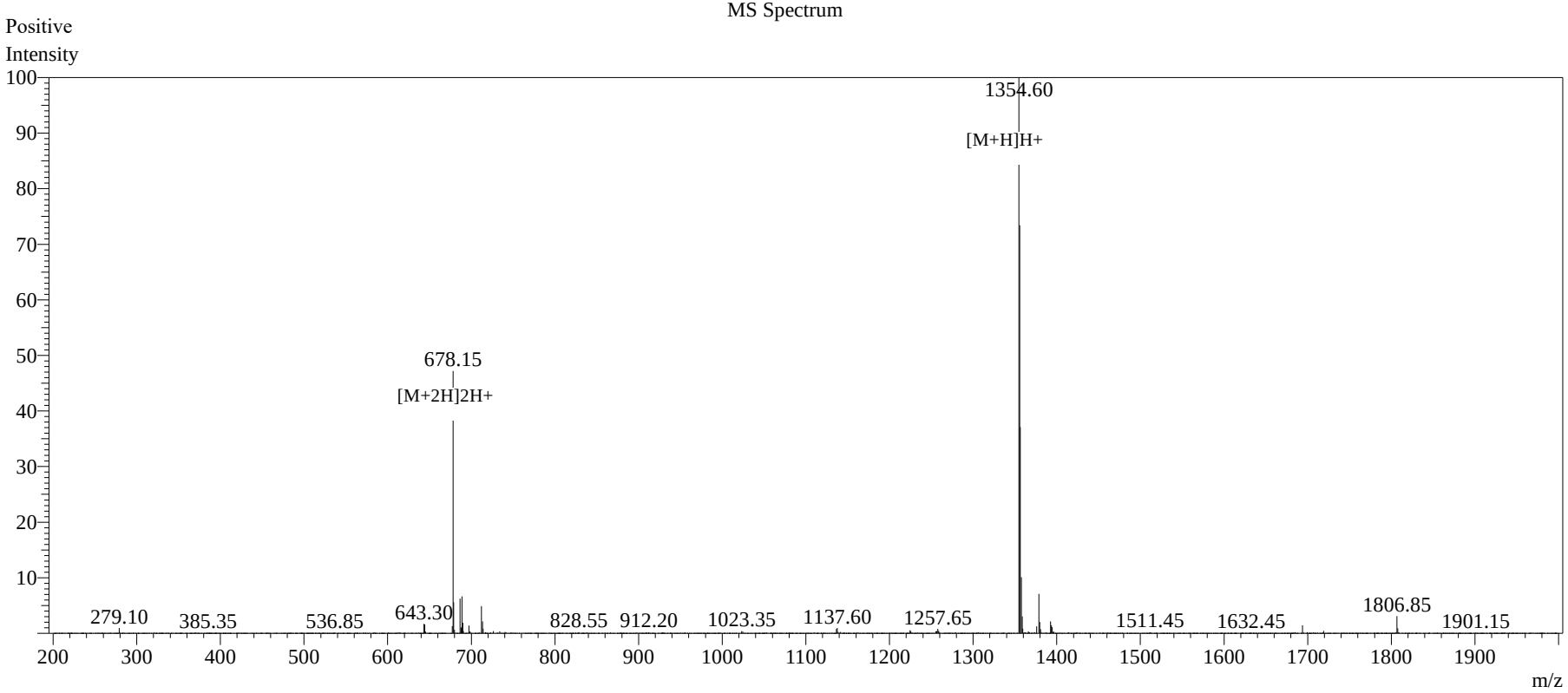


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	15.929	31036	1688	0.175
2	18.178	2805	193	0.016
3	20.014	326497	17677	1.840
4	20.296	17181301	1437453	96.816
5	20.962	170509	9481	0.961
6	24.417	34143	1851	0.192
Total		17746290	1468343	100.000

MS Spectrum



Sample Information

Dissolution method	:30%ACN+70%H2O
Date Acquired	:2026/10/30 14:17:59
Injection Volume	:0.2ul
Block Temp	:200

Interface	:ESI	Prerod Bias	:+4.5kv
Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
CDL Temp	:250℃	T.Flow	:0.2ml/min
CDL Volt	:0v	B.conc	:50%H2O/50%MEOH

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Theoretical	:1354.57
Observed	:1353.60