
CERTIFICATE OF ANALYSIS

Product Name	VCAM-1 binding peptide, Cat.#: 319169 (TFA removed)
Lot No.	MTFB20691-260331
Sequence	VHPKQHRGGSKGC (Acetate Salt)
Dissolution condition	100%H ₂ O
Modification	Acetate salt
Molecular Weight (MW)	1390.59
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1390.60	Conforms
Purity by HPLC	>95%	99.115%
Endotoxin Content	N/A	N/A
TFA solubility	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 mg	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:



Apr/02/2026

Quality Assurance Department



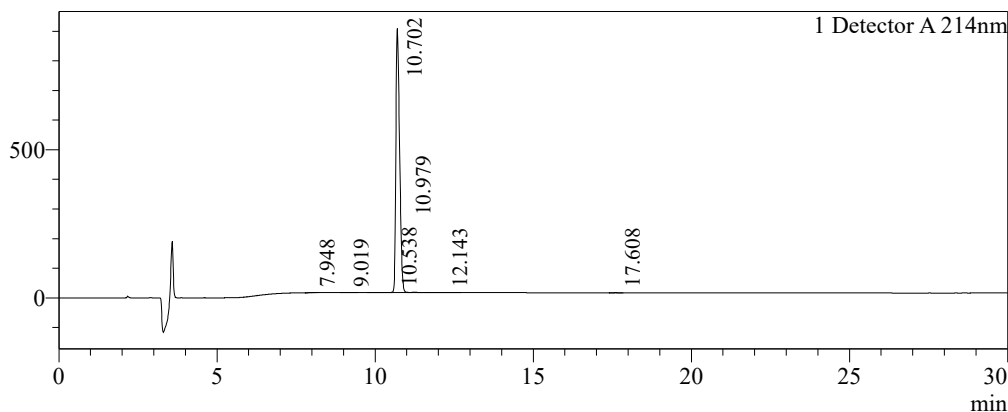
Sample Information

Order ID :MTFB20691
 Name :VCAM-1 binding peptide
 Sequence :VHPKQHRGGSKGC (Acetate Salt)
 Lot.No :MTFB20691-260331
 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 : 20ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	5
30.00	Pumps	B.Conc	35
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	5
50.00	Controller	Stop	

Chromatogram

mV

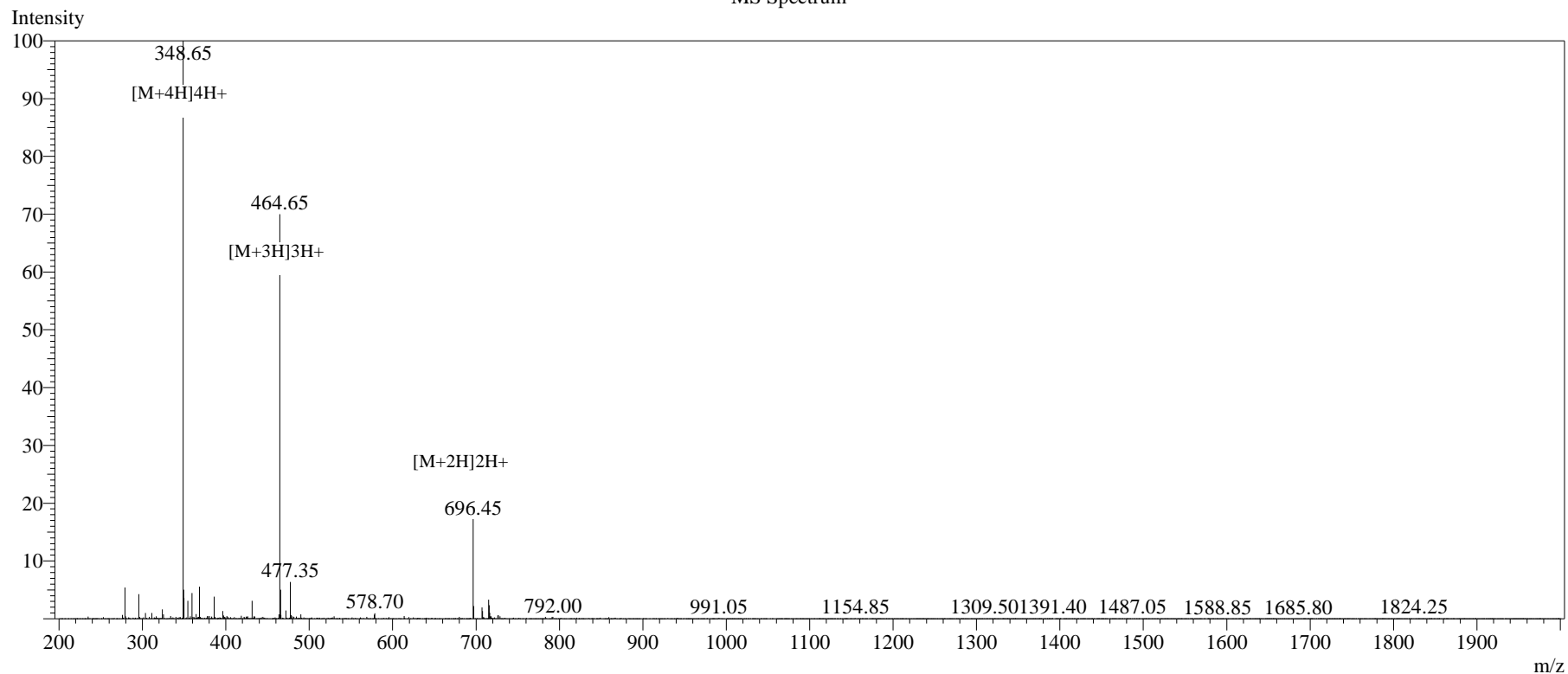


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	7.948	3173	478	0.043
2	9.019	6998	538	0.095
3	10.538	13830	1005	0.187
4	10.702	7331030	891346	99.115
5	10.979	23206	1428	0.314
6	12.143	14301	731	0.193
7	17.608	3923	423	0.053
Total		7396460	895950	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/03/26 09:59:15	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	:MTFB20691-260331
Theoretical	:1390.59
Observed	:1390.60