
CERTIFICATE OF ANALYSIS

Product Name	VCAM-1 binding peptide, Cat.#: 319169 (TFA removed)
Lot No.	MTFB20670-260323
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	1390.80	Conforms
Purity by HPLC	>95%	97.877%
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	20mg	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

Mar/25/2026



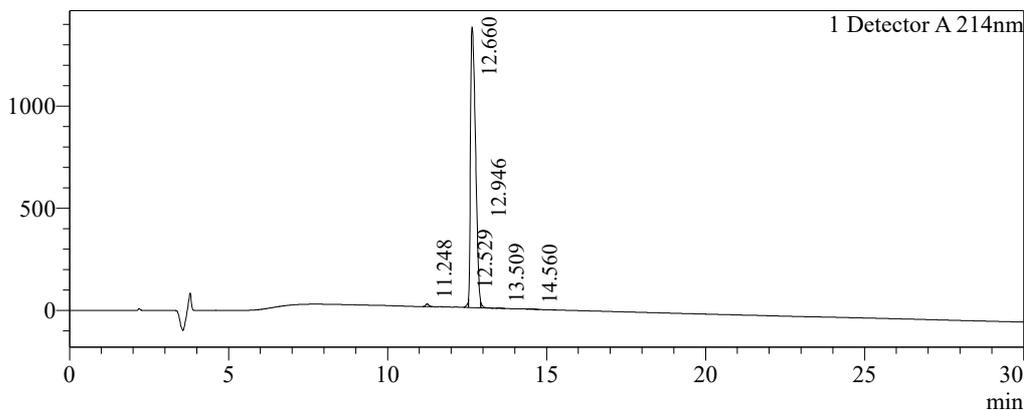
Sample Information

Order ID :MTFB20670
 Name :VCAM-1 binding peptide
 Sequence :VHPKQHRGGSKGC(Acetate Salt)
 Lot. No :MTFB20670-260323
 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

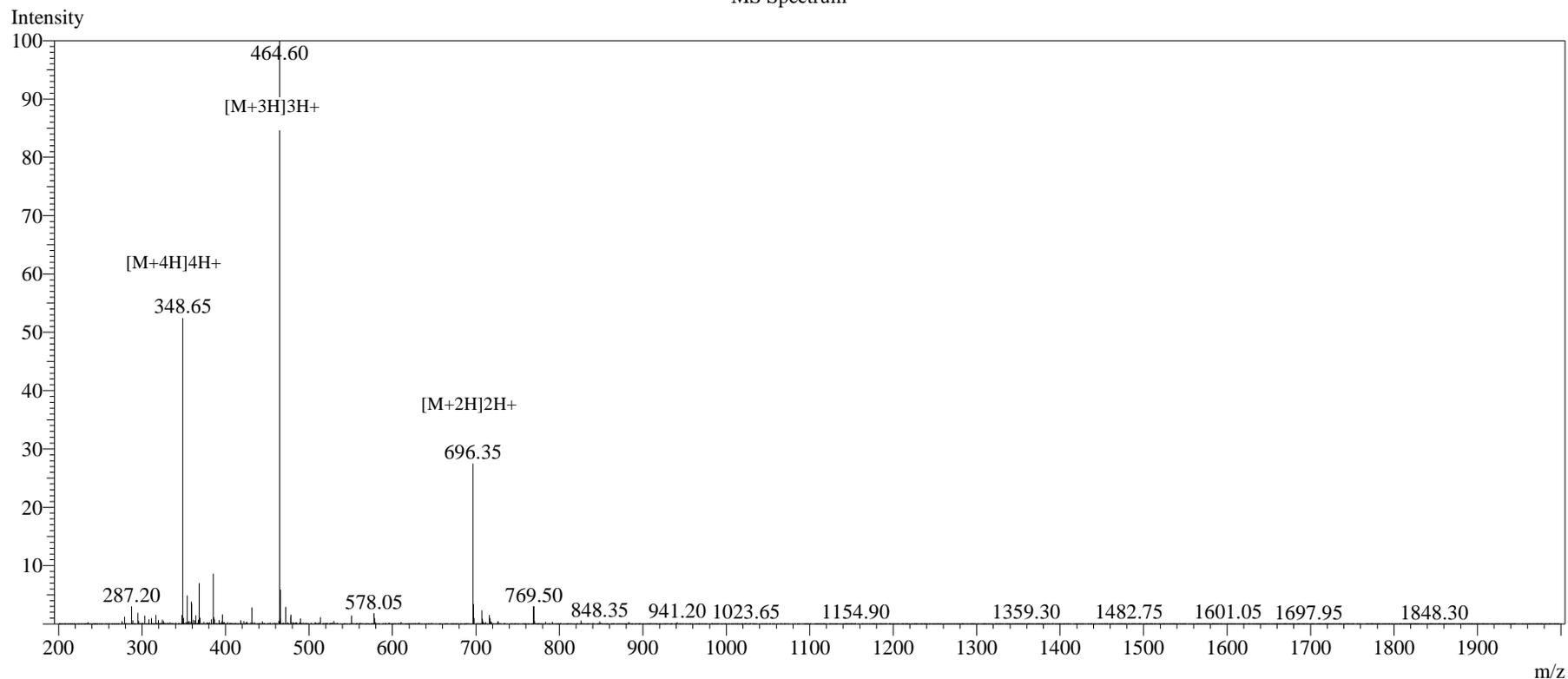


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	11.248	90678	13646	0.585
2	12.529	111222	20390	0.717
3	12.660	15182360	1370358	97.877
4	12.946	80080	22276	0.516
5	13.509	18019	2483	0.116
6	14.560	29277	2851	0.189
Total		15511637	1432004	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/03/24 14:47:38	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	:MTFB20670
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Sequence	:VHPKQHRGGSKGC (Acetate Salt)
Lot.No	:MTFB20670-260323
Theoretical	:1390.59
Observed	:1390.80