

CERTIFICATE OF ANALYSIS

Product Name	VCAM-1 binding peptide, Cat.#: 319169 (TFA Removed)
Lot No.	MTFB20336-251204-A
Sequence	VHPKQHRGGSKGC (Acetate Salt)
Dissolution condition	100%H2O
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%	98.919%
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*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 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

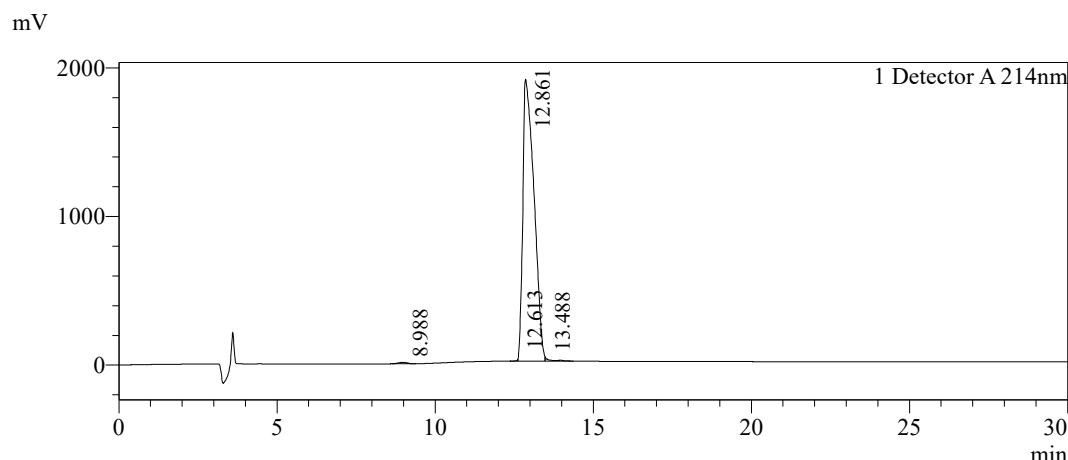
Jan/23/2026



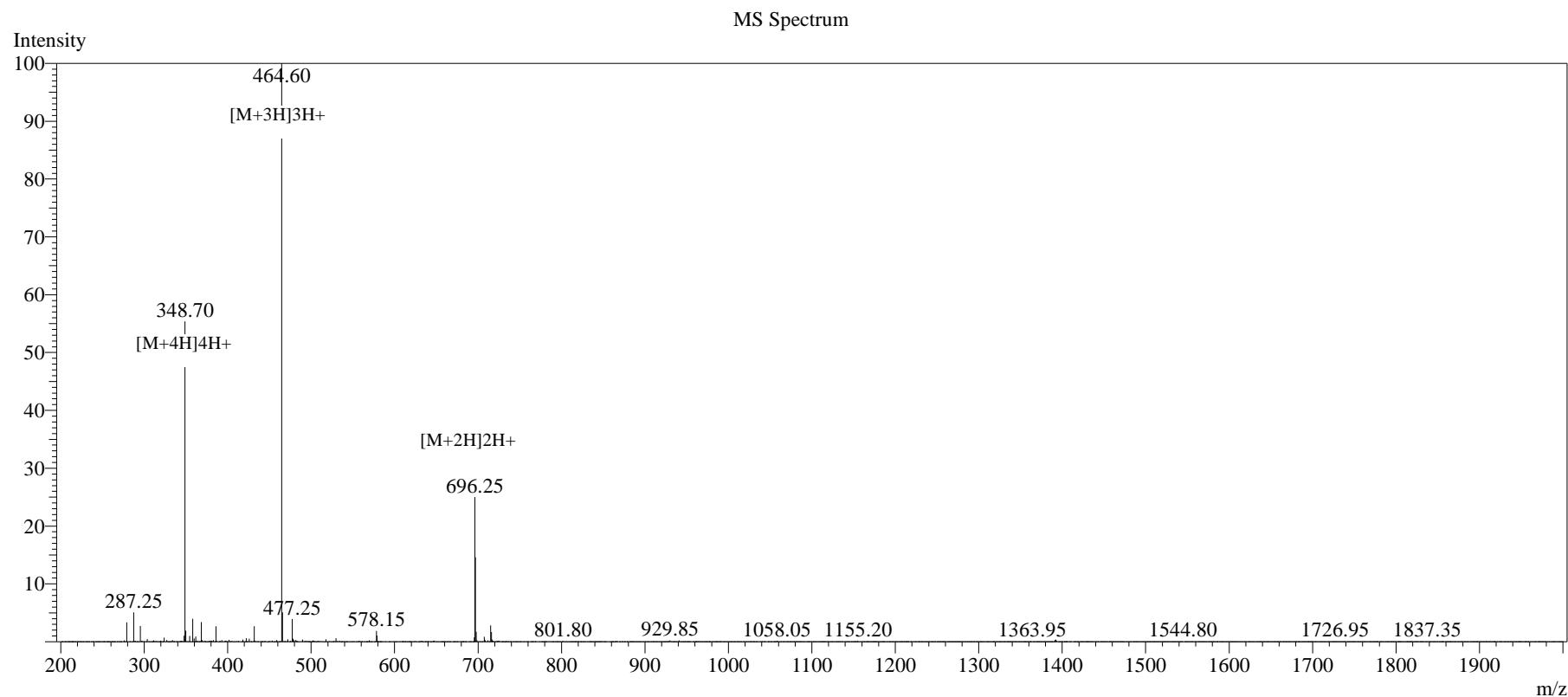
Sample Information

Order ID :MTFB20336
 Name :VCAM-1 binding peptide
 Sequence :VHPKQHRGGSKGC (Acetate Salt)
 Lot. No :MTFB20336-251204-A
 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 :15%ACN+85%H2O
 Inj. Volume :30ul

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

Peak Table
Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	8.988	189153	9957	0.402
2	12.613	30130	7963	0.064
3	12.861	46600380	1895450	98.919
4	13.488	289750	26928	0.615
Total		47109414	1940297	100.000



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/01/22 09:48:20	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%H2O/50%MEOH

Order ID	:MTFB20336
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Lot.No	:MTFB20336-251204-A
Theoretical	:1390.59
Observed	:1390.80