

CERTIFICATE OF ANALYSIS

Product Name	Flg22 peptide, Cat.#: 319503
Lot No.	MTFA31612-0718
Sequence	TRLSSGLKINSAKDDAAGLQIA
Dissolution condition	100%H2O
Length	22AA
Modification	N/A
Molecular Weight (MW)	2229.47
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2229.45	Conforms
Purity by HPLC	>95%	95.433%
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	30mg	5.0mg*6

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

July/22/2024



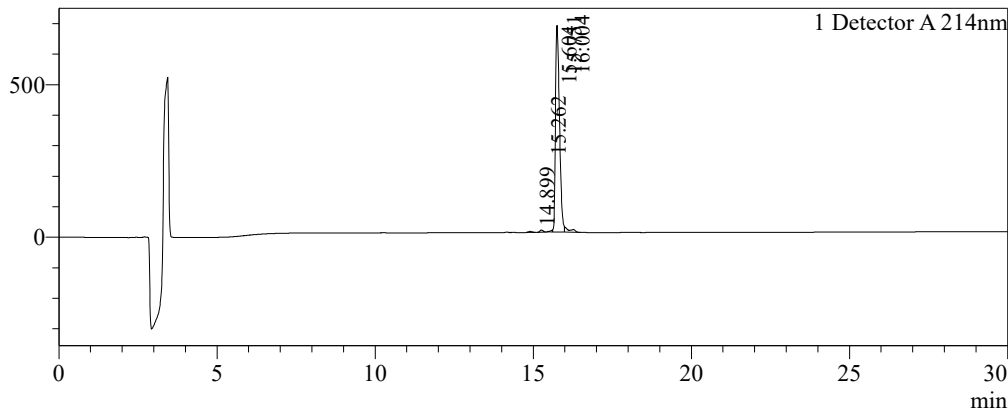
Sample Information

Order ID :MTFA31612
 Name :Flg22 peptide
 Sequence :TRLSSGLKINSAKDDAAGLQIA
 Lot. No :MTFA31612-0718
 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 : 30ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	15
30.00	Pumps	B.Conc	45
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	15
50.00	Controller	Stop	

Chromatogram

mV

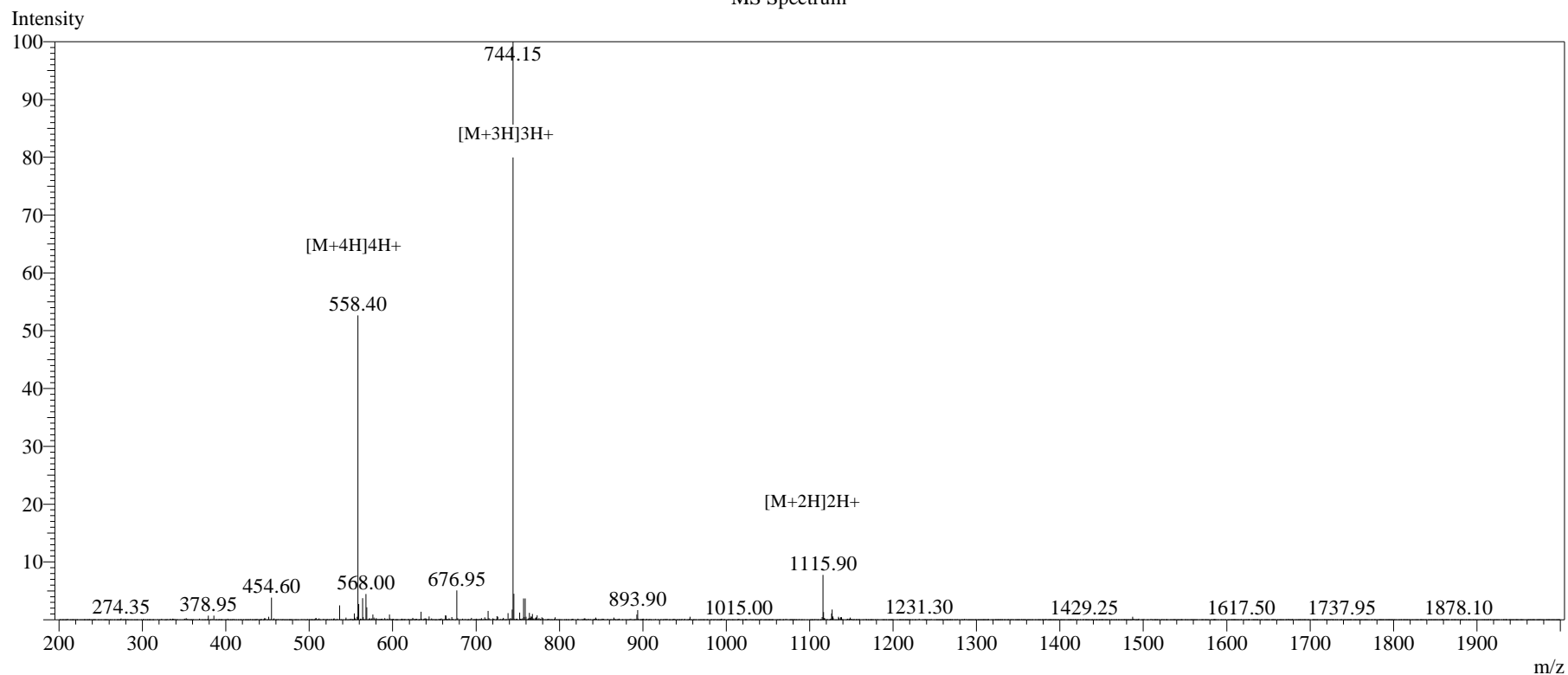


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	14.899	25365	3159	0.406
2	15.262	49232	7045	0.787
3	15.604	27406	5732	0.438
4	15.751	5967203	677034	95.433
5	16.004	183546	16574	2.935
Total		6252752	709543	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/07/19 10:56:40	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	:MTFA31612
Name	:Flg22 peptide
Sequence	:TRLSSGLKINSAKDDAAGLQIA
Lot.No	:MTFA31612-0718
Theoretical	:2229.47
Observed	:2229.45