

## CERTIFICATE OF ANALYSIS

Product Name	Flg22 peptide, Cat.#: 319503
Lot No.	MTFA33427-251009
Sequence	TRLSSGLKINS AKDDAAGLQIA
Dissolution condition	100%H <sub>2</sub> O
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%	97.604%
Peptide 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	60mg	5.0mg*12

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:



Oct/15/2025

Quality Assurance Department

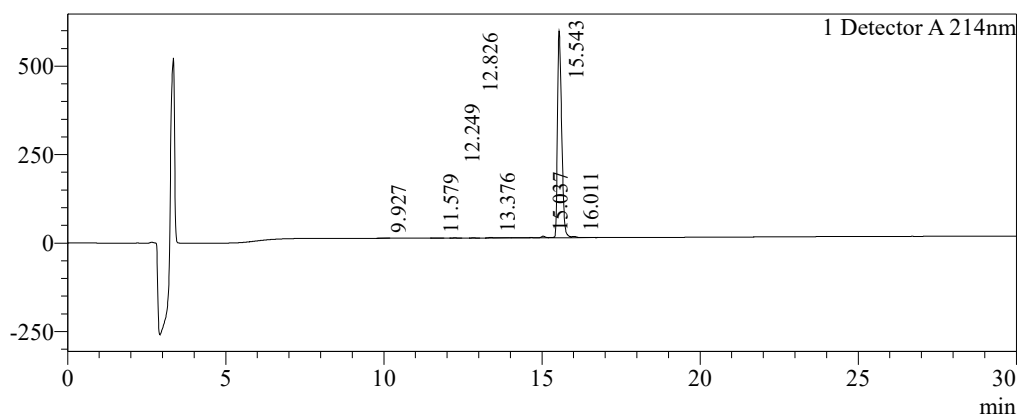


### Sample Information

Order ID	:MTFA33427		
Name	:Flg22		
Sequence	:TRLSSGLKINSAKDDAAGLQIA		
Lot. No	:MTFA33427-251009		
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	: 25ul		
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

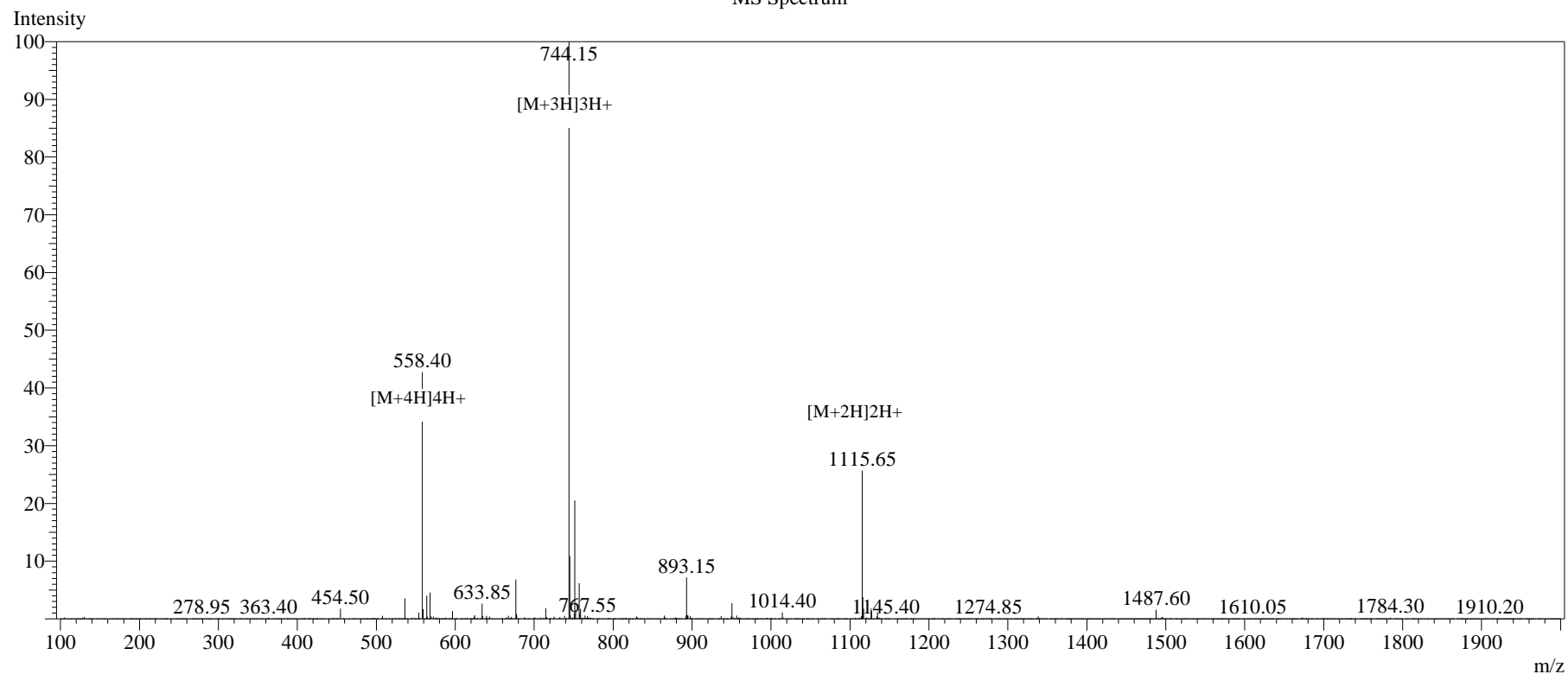


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	9.927	4902	565	0.089
2	11.579	2537	266	0.046
3	12.249	3560	378	0.065
4	12.826	2211	283	0.040
5	13.376	14945	1559	0.271
6	15.037	57735	4699	1.049
7	15.543	5373558	584153	97.604
8	16.011	46033	3682	0.836
Total		5505481	595584	100.000

# MS Spectrum



## Sample Information

Dissolution method	:15% ACN+85% H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/10/14 10:06:13	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 <sub>2</sub> O/50% ME OH
Order ID	:MTFA33427				
Name	:Flg22				
Sequence	:TRLSSGLKINS AKDDAAGLQIA				
Lot.No	:MTFA33427-251009				
Theoretical	:2229.47				
Observed	:2229.45				