

CERTIFICATE OF ANALYSIS

Product Name	3x FLAG peptide, Cat.#: 318958
Lot No.	MTFA32535-0307
Sequence	MDYKDHDGDYKDHDIDYKDDDDK
Dissolution condition	100%H2O
Length	23AA
Modification	N/A
Molecular Weight (MW)	2861.85
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2862.25	Conforms
Purity by HPLC	>95%	95.038%
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	10mg	2.0mg*5

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/12/2025

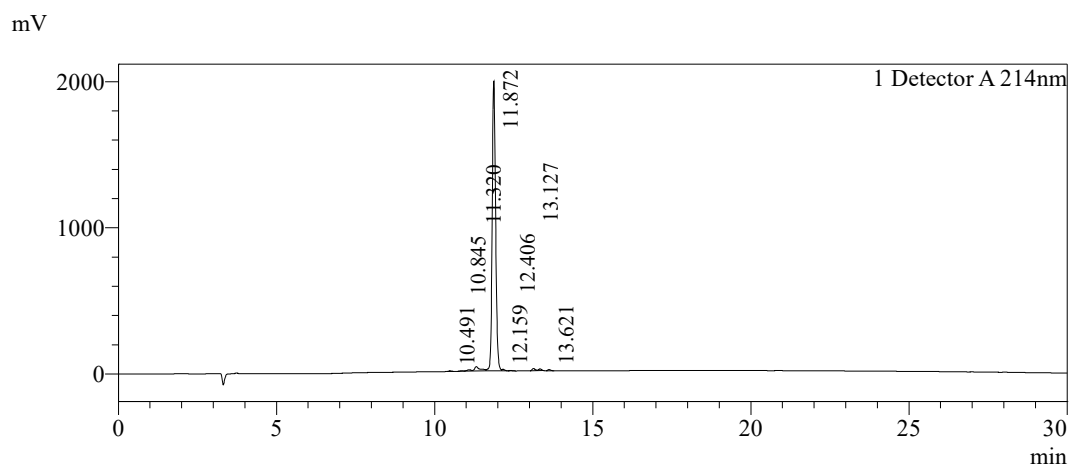


Sample Information

Order ID :MTFA32535
 Name :3×Flag-tag
 Sequence :MDYKDHDGDYKDHDIDYKDDDDK
 Lot. No :MTFA32535-0307
 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	10
30.00	Pumps	B.Conc	40
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	10
50.00	Controller	Stop	

Chromatogram

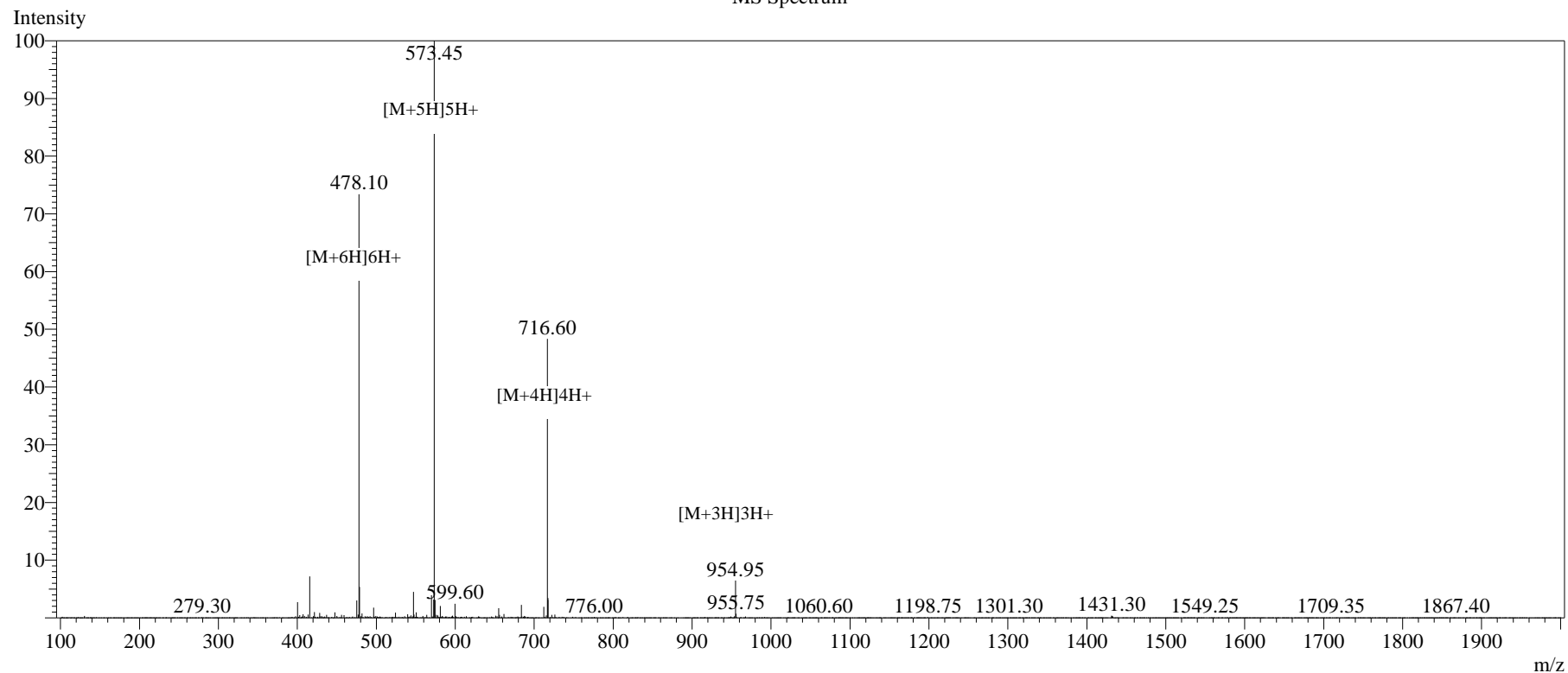


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	10.491	20518	3608	0.131
2	10.845	19520	3269	0.125
3	11.320	443045	29873	2.828
4	11.872	14891518	1981540	95.038
5	12.159	58788	9959	0.375
6	12.406	12887	2004	0.082
7	13.127	175969	15177	1.123
8	13.621	46815	7568	0.299
Total		15669062	2053000	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/03/11 16:00:25	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	:MTFA32535
Name	:3×Flag-tag
Sequence	:MDYKDHDGDYKDHDIDYKDDDDK
Lot.No	:MTFA32535-0307
Theoretical	:2861.85
Observed	:2862.25