

CERTIFICATE OF ANALYSIS

Product Name	3x FLAG peptide, Cat.#: 318958
Lot No.	GTA34989-0224
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	2862.00	Conforms
Purity by HPLC	>95%	97.476%
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	100mg	5.0mg*20

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

03/01/2023

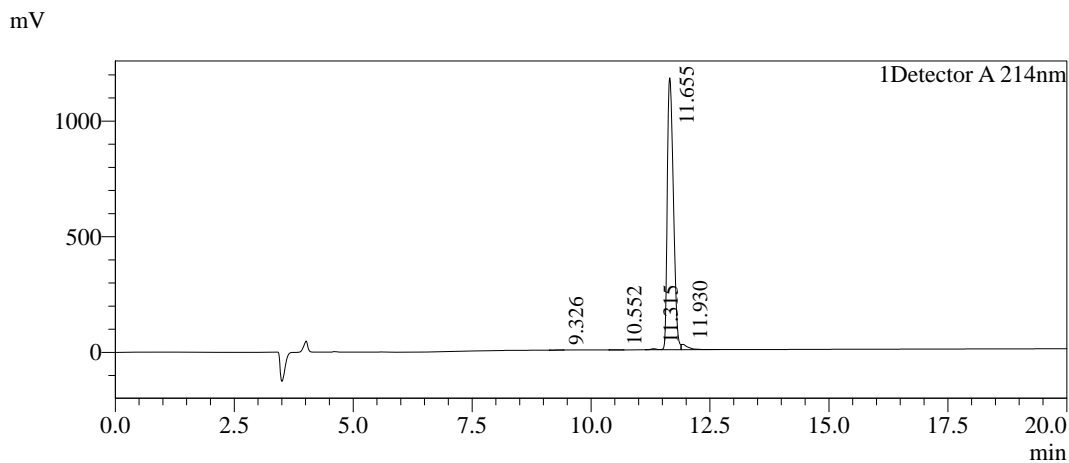


Sample Information

Order ID :GTA34989
 Name :3xFLAG peptide,318958#
 Sequence :MDYKDHDGDYKDHDIDYKDDDDK
 Lot. No :GTA34989-0224
 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 :YMC-Triart C18(4.6*250mm*5um)
 Dissolution method :100% H2O
 Inj. Volume : 25ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	10
20.00	Pumps	B.Conc	30
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	10
50.00	Controller	Stop	

Chromatogram

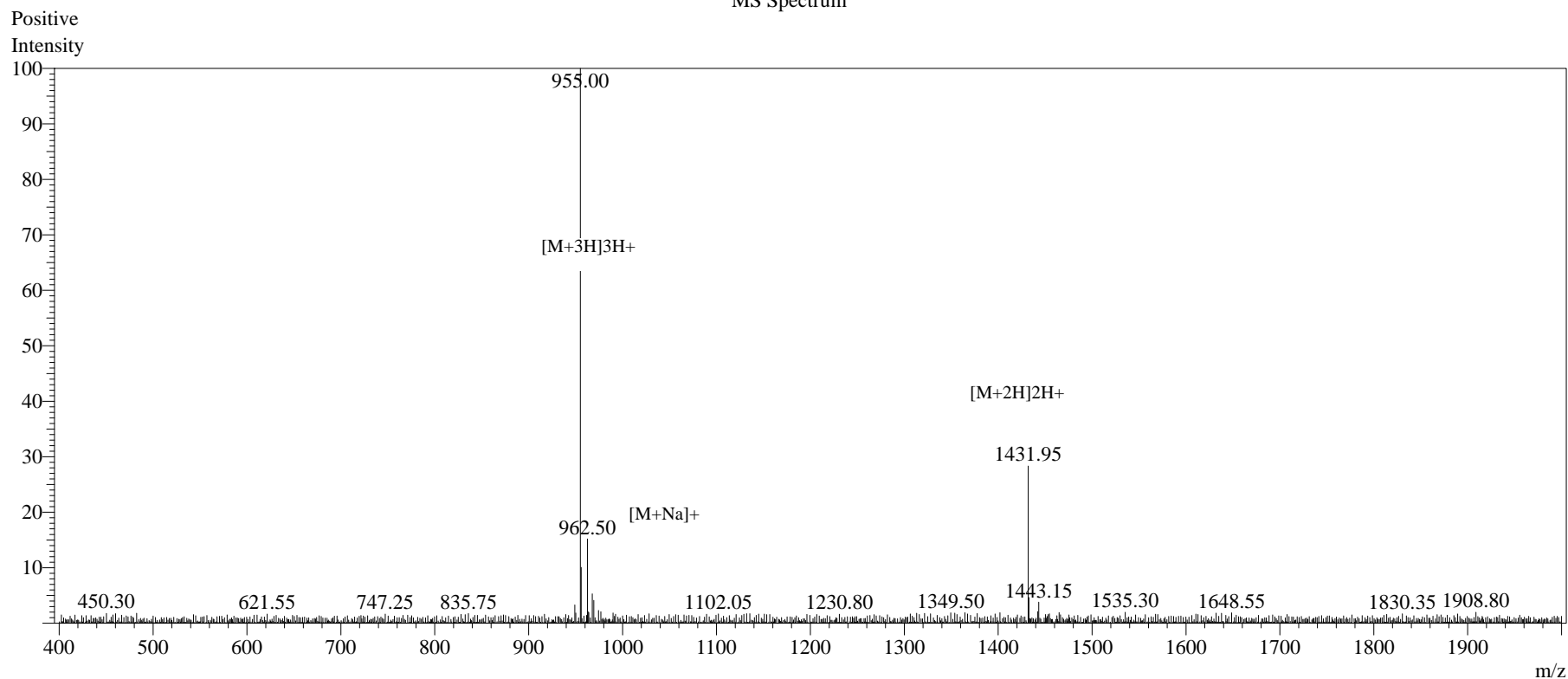


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	9.326	1745	233	0.016
2	10.552	4283	467	0.040
3	11.315	37639	4499	0.349
4	11.655	10512538	1175515	97.476
5	11.930	228498	22898	2.119
Total		10784704	1203612	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/02/28 15:59:04	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Injection Volume	:0.2ul	CDL Temp	:250C	T.Flow	:0.2ml/min
Block Temp	:200	CDL Volt	:0v	B.conc	:50% H2O/50% MEOH

Order ID	:GTA34989
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Lot.No	:GTA34989-0224
Theoretical	:2861.85
Observed	:2862.00