

CERTIFICATE OF ANALYSIS

Product Name	STAMP C16G2 peptide, Cat.#: 319389
Lot No.	GTA33243-0118
Sequence	TFFRLFNRSFTQALGKGGGKNLRIIRKGIHIIKKY-NH2(Acetate Salt)
Dissolution condition	100%H2O
Length	35AA
Modification	acetate salt, TFA content <10%
Molecular Weight (MW)	4078.89
Storage	-20°C

Test Items	Specifications	Results
MW by MS	4078.95	Conforms
Purity by HPLC	>95%	95.264%
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	50mg	12.5mg*4

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

Apr/15/2021

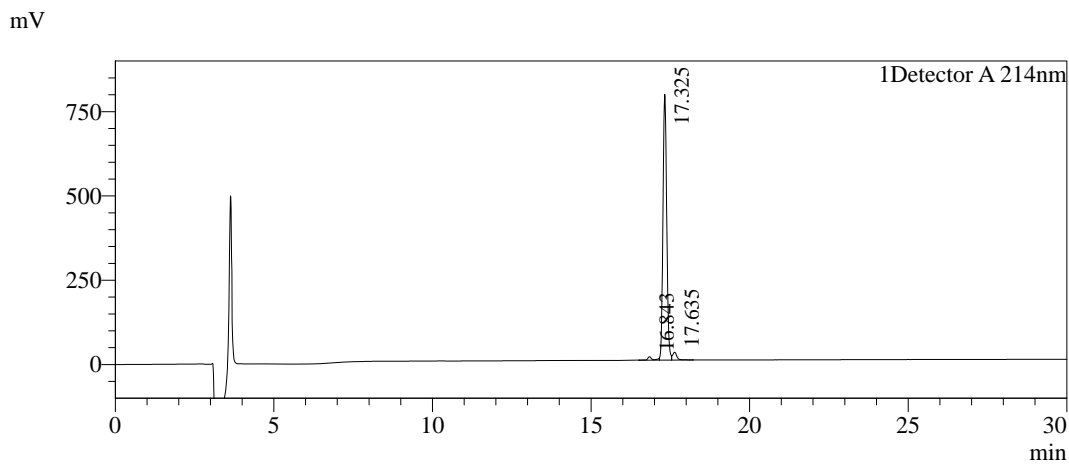


Sample Information

Order ID :GTA33243
 Name :STAMP C16G2
 Sequence :TFFRLFNRSFTQALGKGGGKNLRIIRKGIHIKKY-NH2
 (Acetate Salt)
 Lot. No :GTA33243-0118
 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 :SHIMADZU Inertsil ODS-SP(4.6*250mm*5um)
 Dissolution method :100% H2O
 Inj. Volume : 25ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	20
30.00	Pumps	B.Conc	50
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	20
50.00	Controller	Stop	

Chromatogram

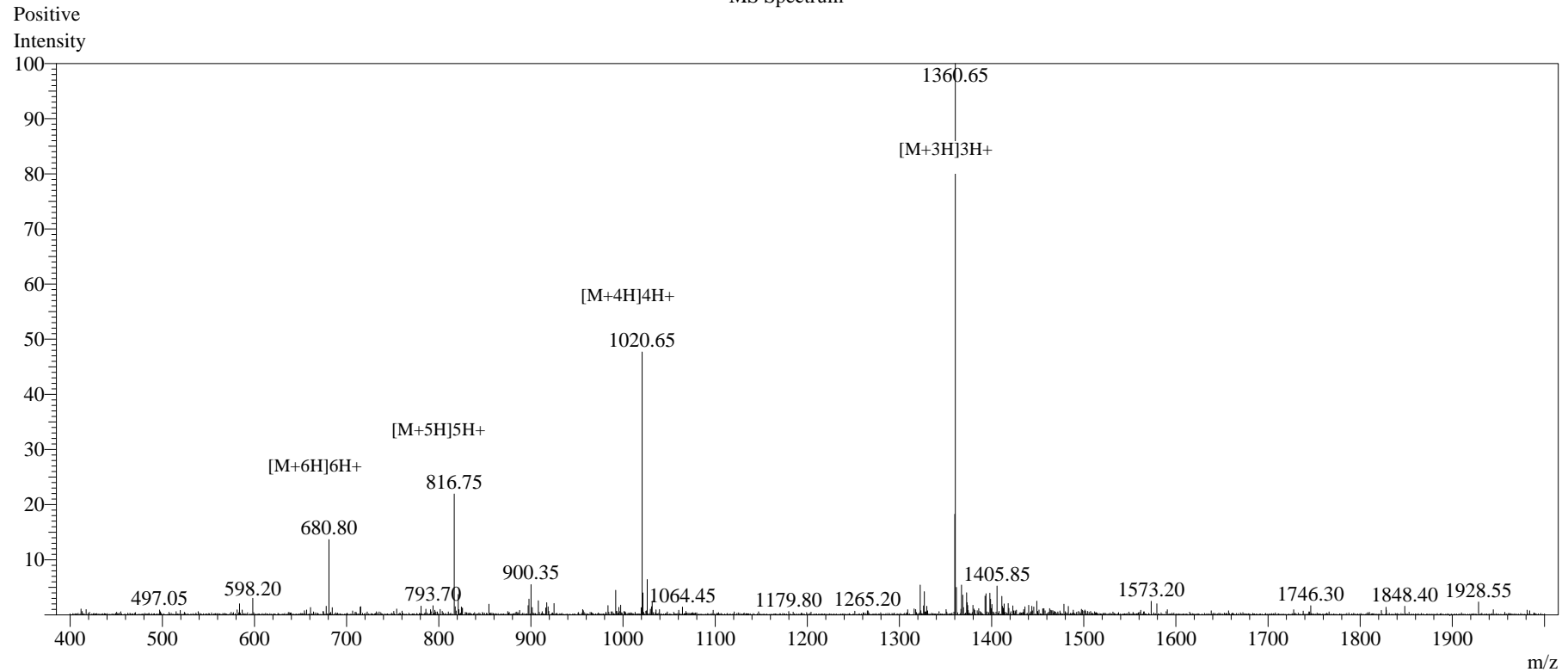


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	16.843	110041	10388	1.612
2	17.325	6501929	788465	95.264
3	17.635	213168	23177	3.123
Total		6825138	822030	100.000

MS Spectrum



Sample Information

Dissolution method	:5% HAC+8% ACN+87% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2021/03/13 16:38:47	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% H ₂ O/50% MEOH

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Name	:STAMP C16G2
Sequence	:TFRLFNRSFTQALGKGGGKNLRIIRKGIHIKKY-NH ₂ (Acetate Salt)
Lot.No	:GTA33243-0118
Theoretical	:4078.89
Observed	:4078.95