

CERTIFICATE OF ANALYSIS

Product Name	cysteine modified Angiopep-2, Cat.#: 318876 (TFA removed)
Lot No.	MTFA32795-0508
Sequence	TFFYGGSRGKRNNFKTEEYC (Acetate Salt)
Dissolution condition	100%H ₂ O
Length	20AA
Modification	acetate salt
Molecular Weight (MW)	2404.63
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2404.65	Conforms
Purity by HPLC	>95%	95.570%
TFA content	N/A	N/A
Endotoxin content	N/A	N/A
Acetic acid content	N/A	N/A
Appearance	White to off-white lyophilized powder	Conforms
Quantity	60mg	5.0mg*10

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:



May/12/2025

Quality Assurance Department

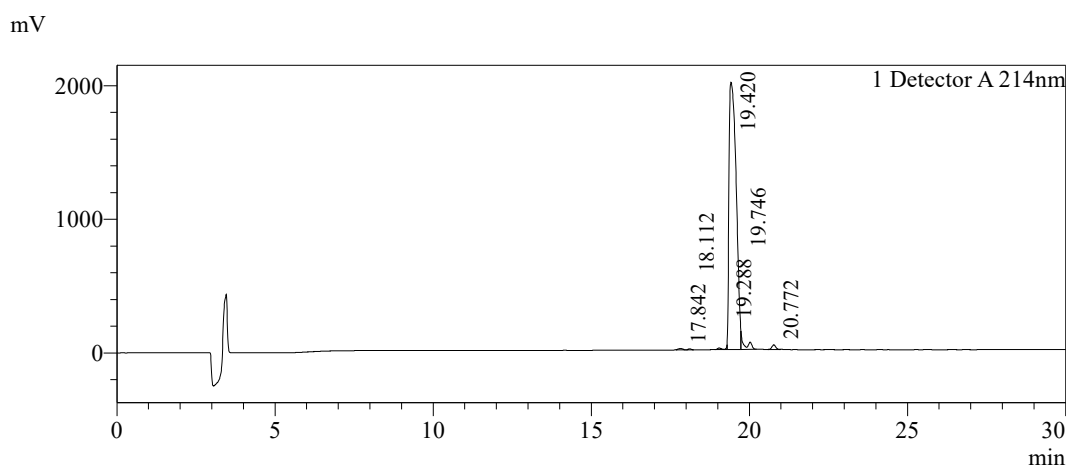


Sample Information

Order ID :MTFA32795
 Name :cysteine modified Angiopep-2
 Sequence :TFFYGGSRGKRNNFKTEEYC (Acetate Salt)
 Lot. No :MTFA32795-0508
 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	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

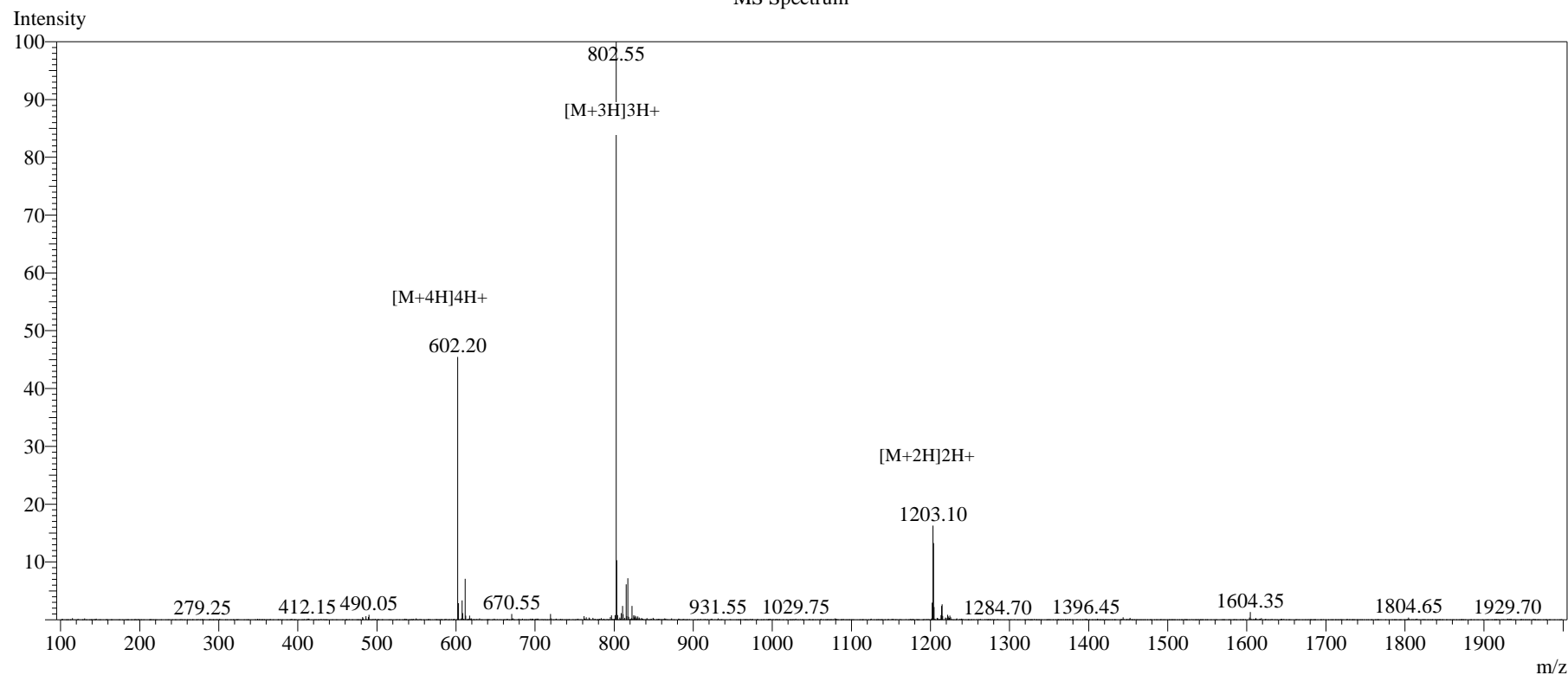


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	17.842	90467	8701	0.275
2	18.112	46878	7234	0.142
3	19.288	153926	22135	0.468
4	19.420	31463873	1999457	95.570
5	19.746	887659	115544	2.696
6	20.772	279552	34033	0.849
Total		32922355	2187104	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/05/09 15:08:16	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% ME OH

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Name	:cysteine modified Angiopep-2
Sequence	:TFFYGGSRGKRNNFKTEEYC (Acetate Salt)
Lot.No	:MTFA32795-0508
Theoretical	:2404.63
Observed	:2404.65