

CERTIFICATE OF ANALYSIS

Product Name	cysteine modified Angiopep-2 peptide, Cat.#: 318876
Lot No.	MTFA30190-0601
Sequence	TFFYGGSRGKRNNFKTEEYC (Acetate salt)
Dissolution condition	100%H2O
Length	20AA
Modification	acetate salt
Molecular Weight (MW)	2404.63
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2404.53	Conforms
Purity by HPLC	>95%	97.306%
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

June/06/2023

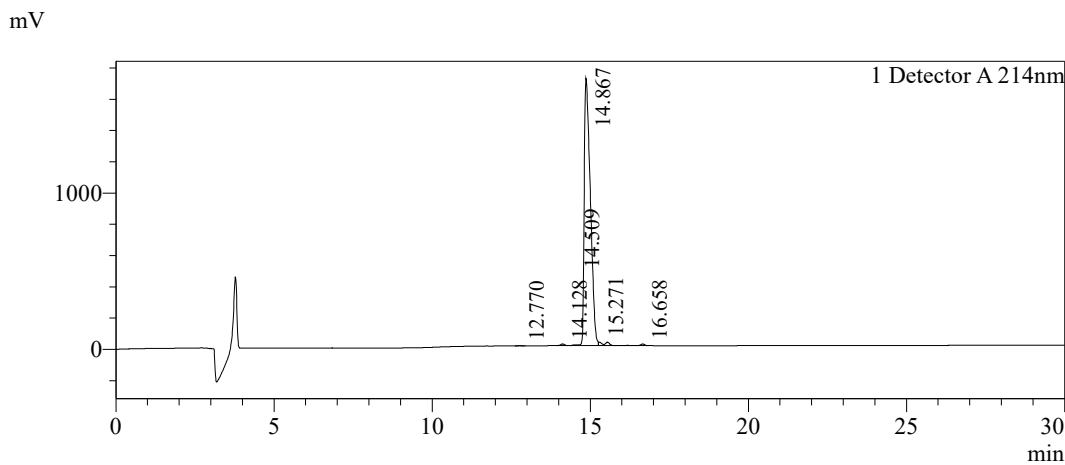


Sample Information

Order ID :MTFA30190
 Name :cysteine modified Angiopep-2
 Sequence :TFFYGGSRGKRNNFKTEEYC (Acetate Salt)
 Lot. No :MTFA30190-0601
 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 :Shim-pack GIST C18(4.6*250mm*5um)
 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

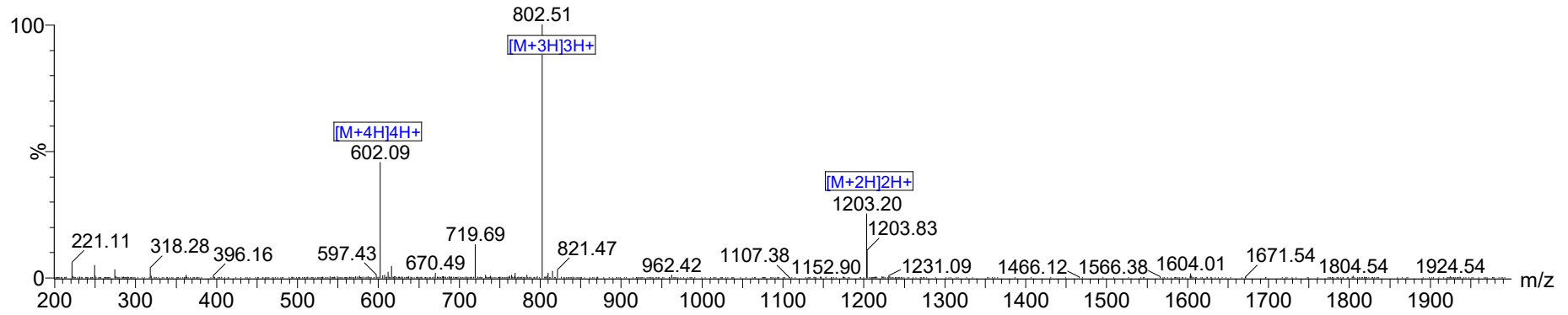


Peak Table

Detector A 214nm				
Peak#	Ret. Time	Area	Height	Area%
1	12.770	14696	1689	0.062
2	14.128	83870	10077	0.355
3	14.509	50365	5016	0.213
4	14.867	23019610	1710155	97.306
5	15.271	372492	23423	1.575
6	16.658	115877	10622	0.490
Total		23656909	1760983	100.000

MS Spectrum

Positive Intensity



Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:6/06/2023 3:45:25	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 : MFA30190
 Name : cysteine modified Angiopep-2
 Sequence : TFFYGGSRGKRNNFKTEEYC (Acetate Salt)
 Lot.No : MFA30190-0601
 Theoretical : 2404.63
 Observed : 2404.53