

CERTIFICATE OF ANALYSIS

Product Name	Pep2-8 peptide, Cat.#: 319028 (sodium salt)
Lot No.	MTFA31970-1017
Sequence	Ac-TVFTSWEEYLDWV-NH2
Dissolution condition	100%H2O
Length	13AA
Modification	sodium salt
Molecular Weight (MW)	1715.86
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1715.70	Conforms
Purity by HPLC	>95%	95.840%
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	40mg	20.0mg*2

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

Oct/24/2024

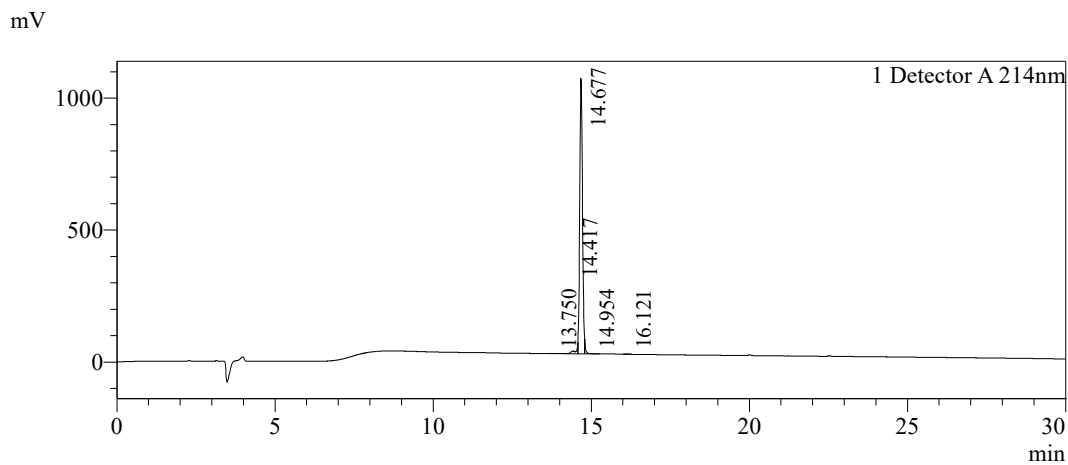


Sample Information

Order ID :MTFA31970
 Name :Pep2-8 peptide, Cat.#: 319028 (sodium salt)
 Sequence :Ac-TVFTSWEEYLDWV-NH2
 Lot. No :MTFA31970-1017
 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 : 25ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	35
30.00	Pumps	B.Conc	65
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	35
50.00	Controller	Stop	

Chromatogram

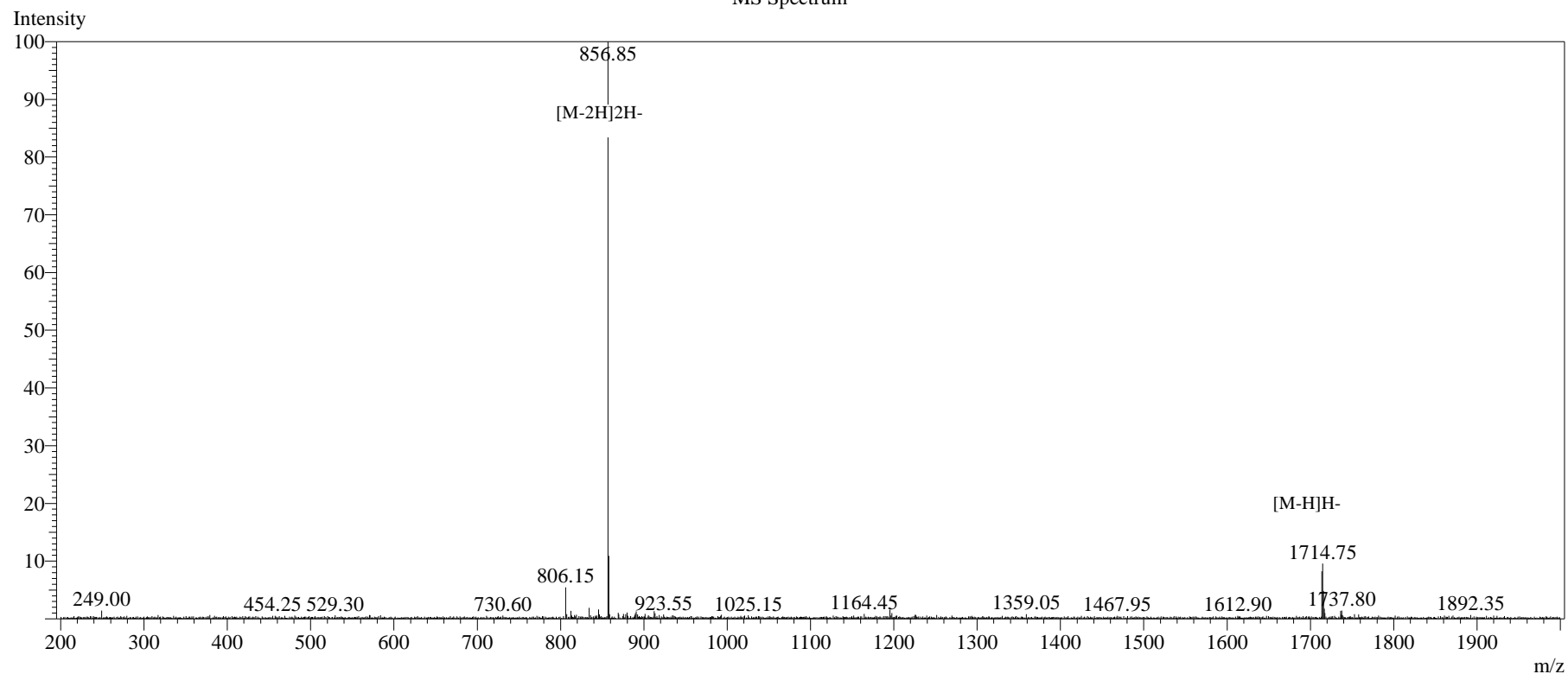


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	13.750	1945	286	0.030
2	14.417	173581	9998	2.654
3	14.677	6269011	1043434	95.840
4	14.954	88774	884	1.357
5	16.121	7808	1341	0.119
Total		6541119	1055942	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/10/23 10:35:06	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

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Name	:Pep2-8 peptide, Cat.#: 319028 (sodium salt)
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Lot.No	:MTFA31970-1017
Theoretical	:1715.86
Observed	:1715.70