

CERTIFICATE OF ANALYSIS

Product Name	Biotin-GGFG-HHHHHH peptide, Cat.#: 319262
Lot No.	MTFA31286-2-0423
Sequence	Biotin-GGFGHHHHHH
Dissolution condition	100%H2O
Length	10AA
Modification	N/A
Molecular Weight (MW)	1385.52
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1385.70	Conforms
Purity by HPLC	>95%	95.930%
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	10mg	5.0mg*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

Apr/30/2024

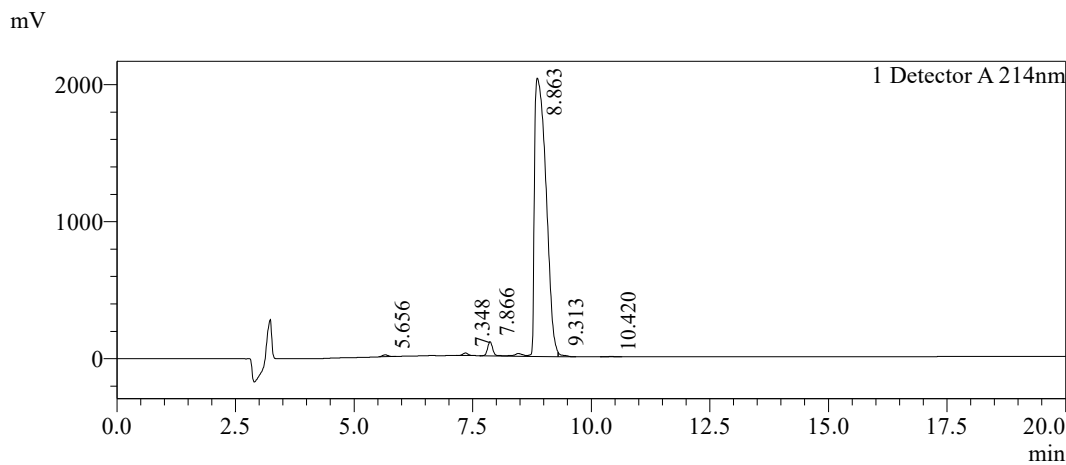


Sample Information

Order ID :MTFA31286-2
 Name :Biotin-GGFG-HHHHHH peptide
 Sequence :Biotin-GGFGHHHHHH
 Lot. No :MTFA31286-2-0423
 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 : 10ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	15
20.00	Pumps	B.Conc	35
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	15
50.00	Controller	Stop	

Chromatogram

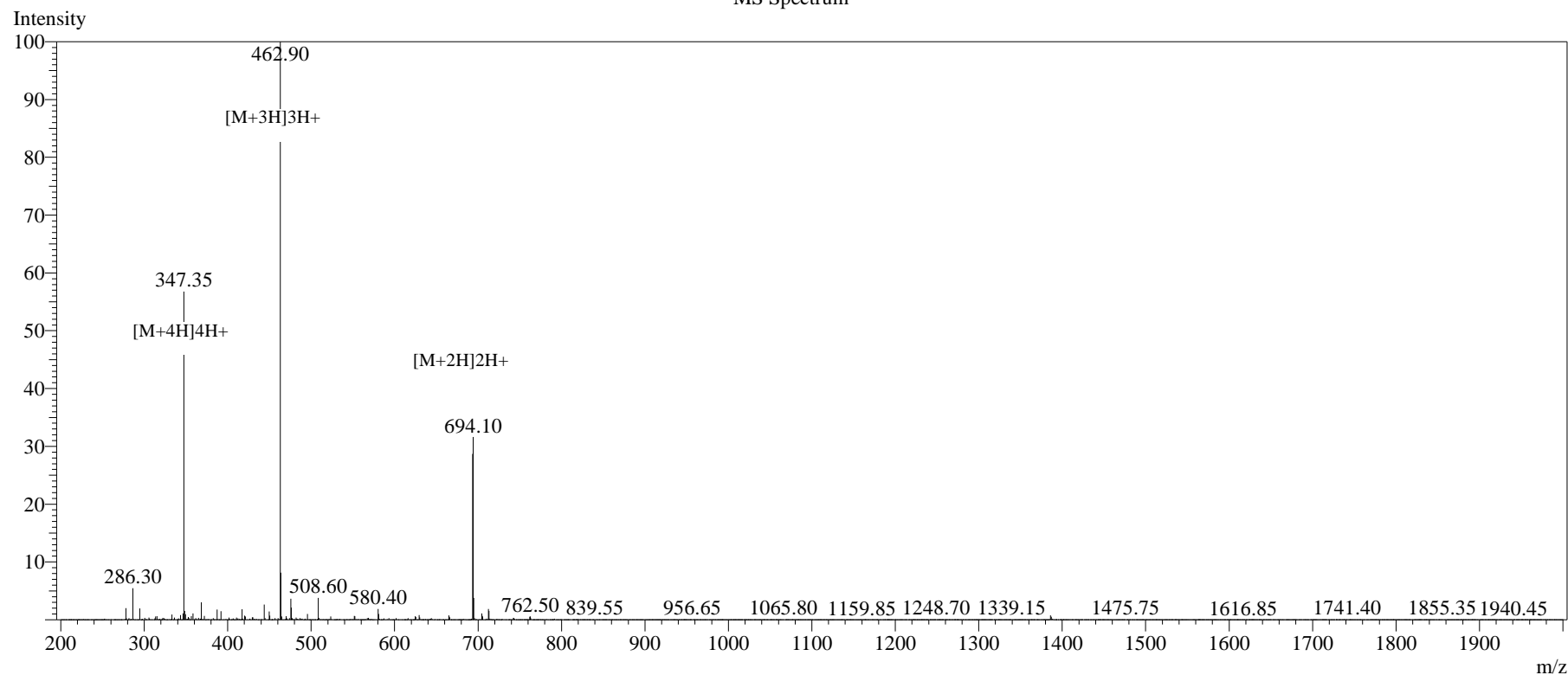


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	5.656	108956	13168	0.304
2	7.348	144947	18724	0.405
3	7.866	1021842	103775	2.856
4	8.863	34328289	2029691	95.930
5	9.313	155801	27662	0.435
6	10.420	24911	3436	0.070
Total		35784746	2196457	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/04/29 11:37:57	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

Order ID	:MTFA31286-2
Name	:Biotin-GGFG-HHHHHH peptide
Sequence	:Biotin-GGFGHHHHHH
Lot.No	:MTFA31286-2-0423
Theoretical	:1385.52
Observed	:1385.70