

CERTIFICATE OF ANALYSIS

Product Name	Biotin-FLAG peptide, Cat.#: 319196 (TFA removed)
Lot No.	MTFA32521-0305
Sequence	Biotin-DYKDDDDK (Acetate Salt)
Dissolution condition	2%NH ₃ .H ₂ O+98%H ₂ O
Length	8AA
Modification	Acetate salts
Molecular Weight (MW)	1239.26
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1239.50	Conforms
Purity by HPLC	>95%	95.018%
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:



Mar/07/2025

Quality Assurance Department

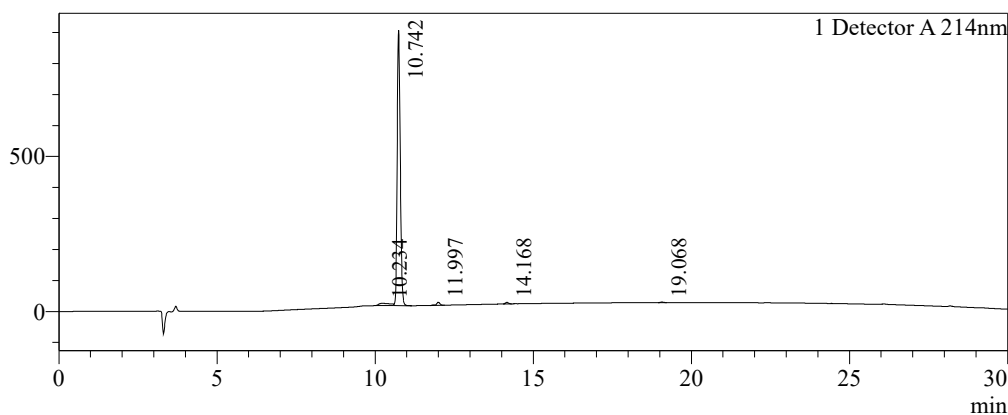


Sample Information

Order ID	:MTFA32521		
Name	:Biotin-FLAG peptide		
Sequence	:Biotin-DYKDDDDK (Acetate Salt)		
Lot. No	:MTFA32521-0305		
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	:2%NH3.H2O+98%H2O		
Inj. Volume	: 15ul		
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

mV

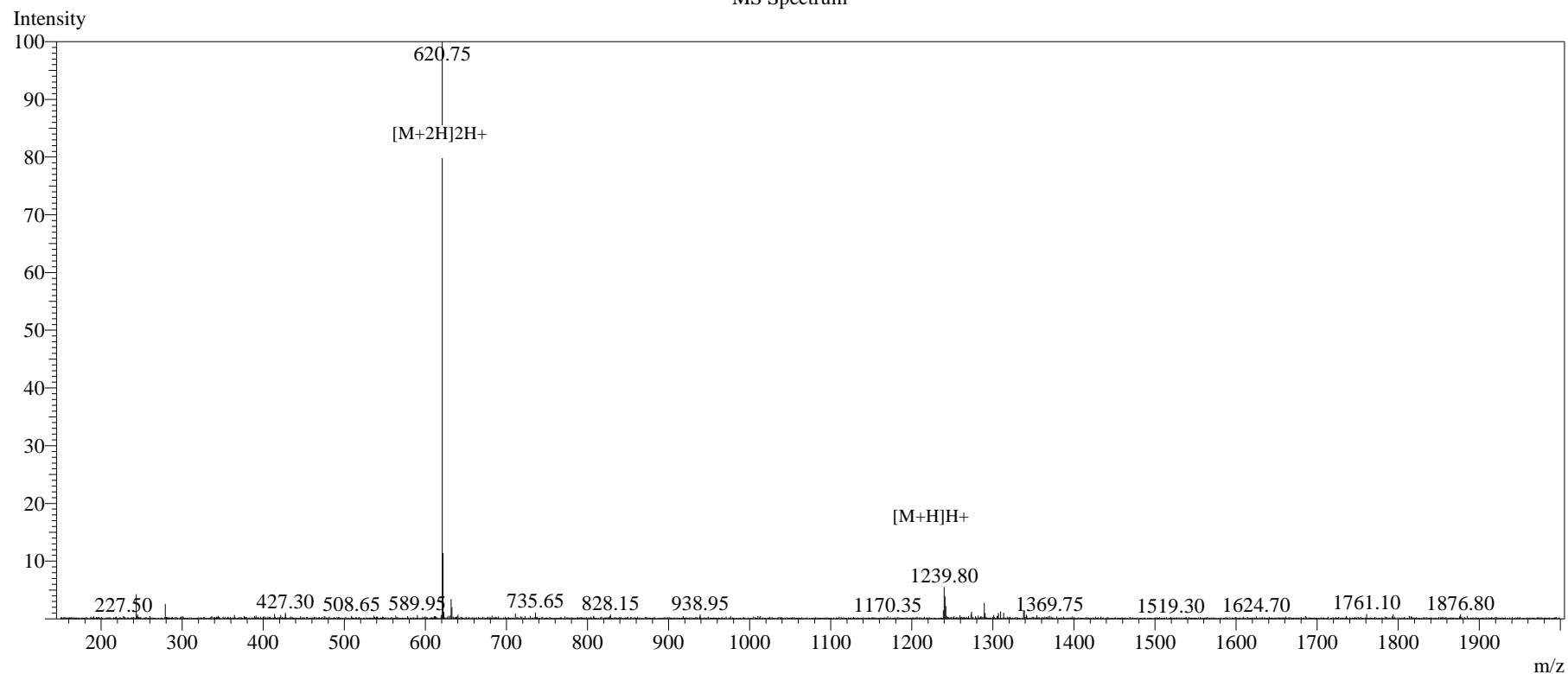


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	10.234	200175	7625	3.161
2	10.742	6016467	888308	95.018
3	11.997	73605	9930	1.162
4	14.168	32514	5193	0.514
5	19.068	9136	1554	0.144
Total		6331897	912610	100.000

MS Spectrum



Sample Information

Dissolution method	:2%NH3.H2O+98% H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/03/06 13:35:33	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% H2O/50% MEOH
Order ID	:MTFA32521				
Name	:Biotin-FLAG peptide				
Sequence	:Biotin-DYKDDDDK (Acetate Salt)				
Lot.No	:MTFA32521-0305				
Theoretical	:1239.26				
Observed	:1239.50				