
CERTIFICATE OF ANALYSIS

Product Name	FGF7p peptide, Cat.#: 318990
Lot No.	MTFA32309-0107
Sequence	YASAKWTHNGGEMFVALNQ
Dissolution condition	100%H2O
Length	19AA
Modification	N/A
Molecular Weight (MW)	2124.34
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2124.45	Conforms
Purity by HPLC	>95%	95.161%
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

Jan/20/2025

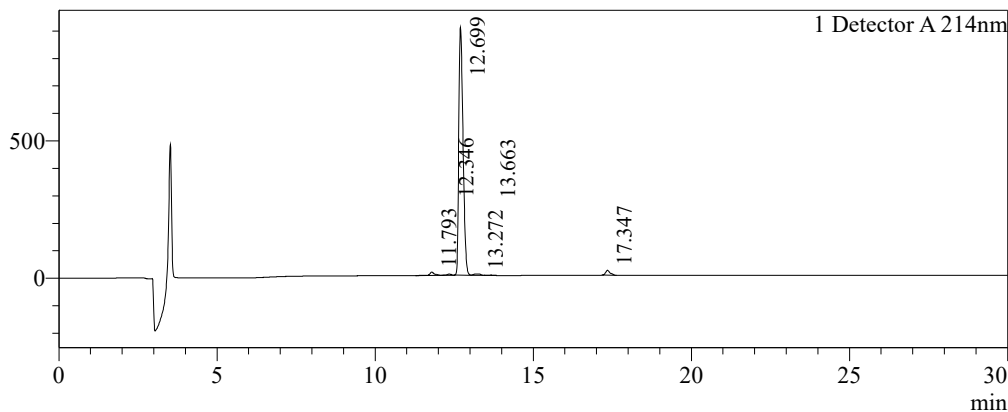


Sample Information

Order ID	:MTFA32309		
Name	:FGF7p peptide		
Sequence	:YASAKWTHNGGEMFVALNQ		
Lot. No	:MTFA32309-0107		
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	20
30.00	Pumps	B.Conc	50
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	20
50.00	Controller	Stop	

Chromatogram

mV

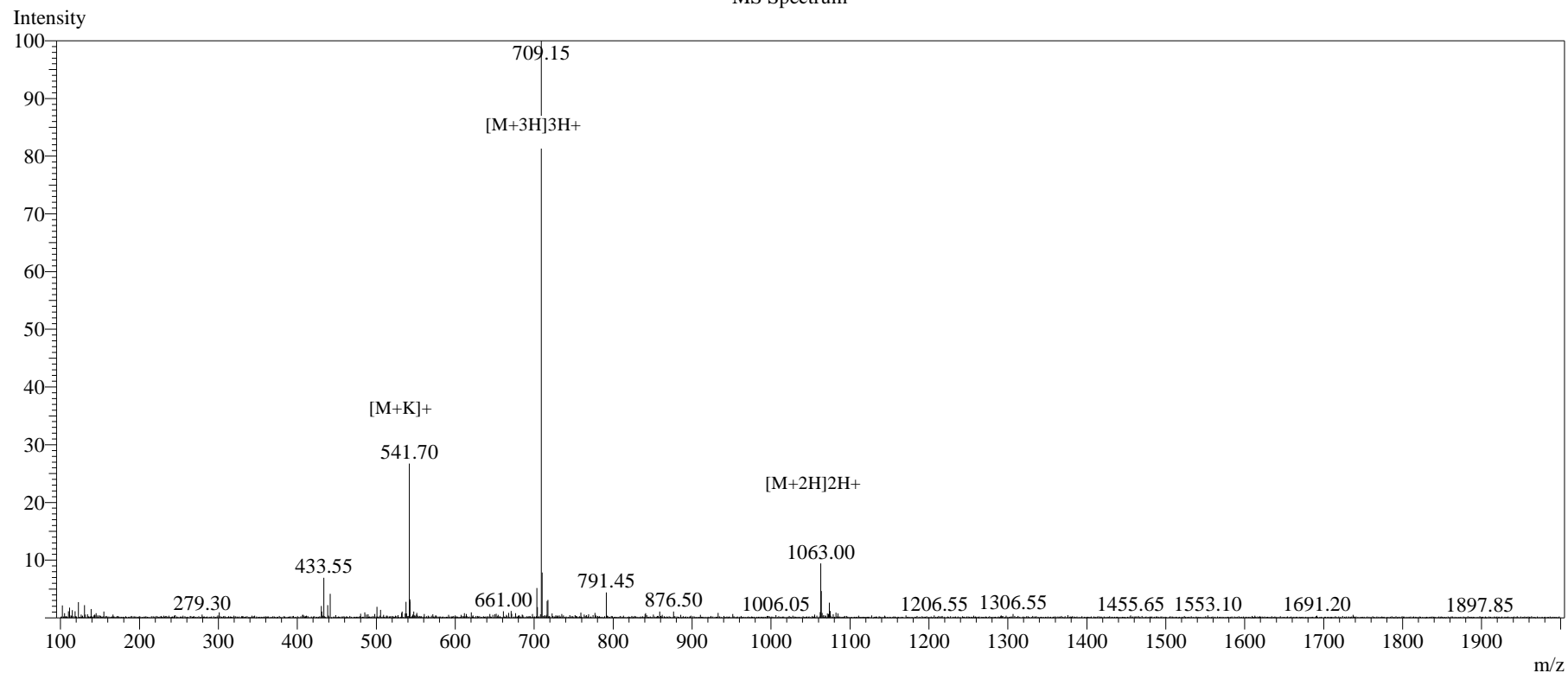


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	11.793	134286	12279	1.514
2	12.346	37896	4062	0.427
3	12.699	8438781	902084	95.161
4	13.272	72211	5037	0.814
5	13.663	8002	947	0.090
6	17.347	176708	17760	1.993
Total		8867883	942169	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/01/17 15:29:44	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	:FGF7p peptide
Sequence	:YASAKWTHNGGEMFVALNQ
Lot.No	:MTFA32309-0107
Theoretical	:2124.34
Observed	:2124.45