


## CERTIFICATE OF ANALYSIS

Product Name	Larazotide acetate peptide, Cat.#: 319762 (TFA removed)
Lot No.	MTFA32718-0421
Sequence	GGVLVQPG (Acetate Salt)
Dissolution condition	100%H <sub>2</sub> O
Length	8AA
Modification	acetate salt
Molecular Weight (MW)	725.85
Storage	-20°C

Test Items	Specifications	Results
MW by MS	725.45	Conforms
Purity by HPLC	>95%	98.306%
TFA 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	60mg	5.0mg*12

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/23/2025

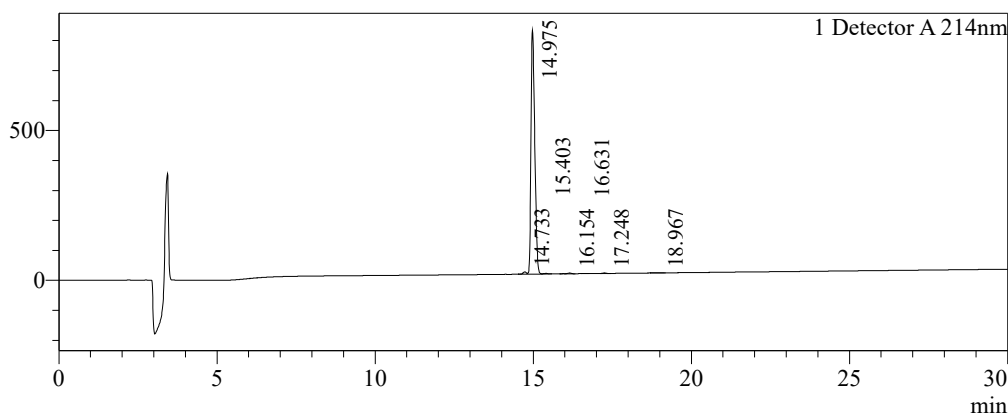


### Sample Information

Order ID	:MTFA32718		
Name	:Larazotide acetate peptide		
Sequence	:GGVLVQPG (Acetate Salt)		
Lot. No	:MTFA32718-0421		
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	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

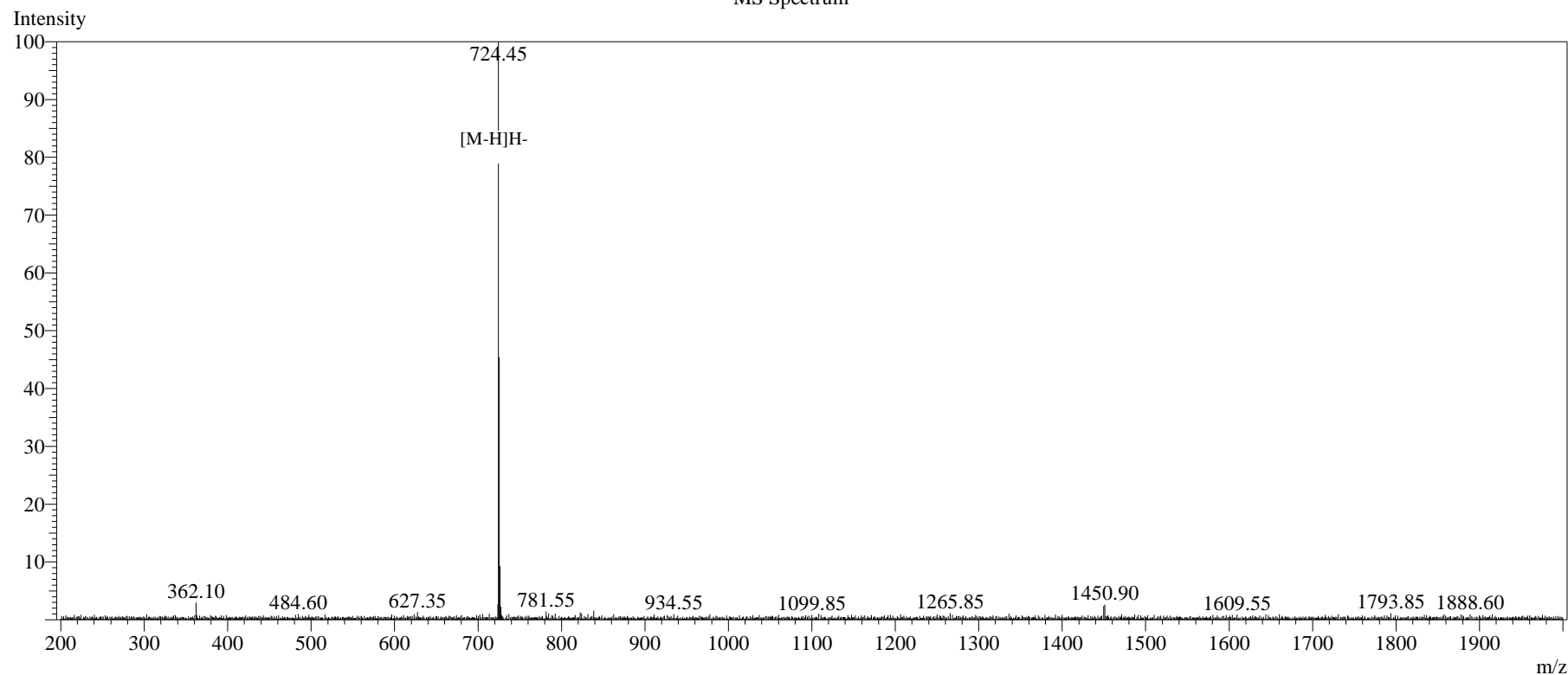


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	14.733	57727	7911	0.838
2	14.975	6774946	813364	98.306
3	15.403	18239	2089	0.265
4	16.154	22416	2452	0.325
5	16.631	3660	589	0.053
6	17.248	10027	1458	0.145
7	18.967	4643	514	0.067
Total		6891658	828376	100.000

# MS Spectrum



## Sample Information

Dissolution method	:15% ACN+85% H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/04/22 13:57:26	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 <sub>2</sub> O/50% ME OH
Order ID	:MTFA32718				
Name	:Larazotide acetate peptide				
Sequence	:GGVLVQPG (Acetate Salt)				
Lot.No	:MTFA32718-0421				
Theoretical	:725.85				
Observed	:725.45				