

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Amyloid $\beta$ -Protein (25-35), Cat.#: 306645, TFA removed
<b>Lot No.</b>	MTFA31237-0410
<b>Sequence</b>	GSNKGAIIGLM
<b>Dissolution condition</b>	5%HCOOH+15%ACN+80%H <sub>2</sub> O
<b>Length</b>	11AA
<b>Modification</b>	N/A
<b>Molecular Weight (MW)</b>	1060.28
<b>Storage</b>	-20°C

<b>Test Items</b>	<b>Specifications</b>	<b>Results</b>
<b>MW by MS</b>	1060.30	Conforms
<b>Purity by HPLC</b>	>98%	98.404%
<b>Peptide content</b>	N/A	N/A
<b>Moisture content</b>	N/A	N/A
<b>Acetic acid content</b>	N/A	N/A
<b>Appearance</b>	White to off-white lyophilized powder	Conforms
<b>Quantity</b>	100mg	20.0mg*5

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/15/2024



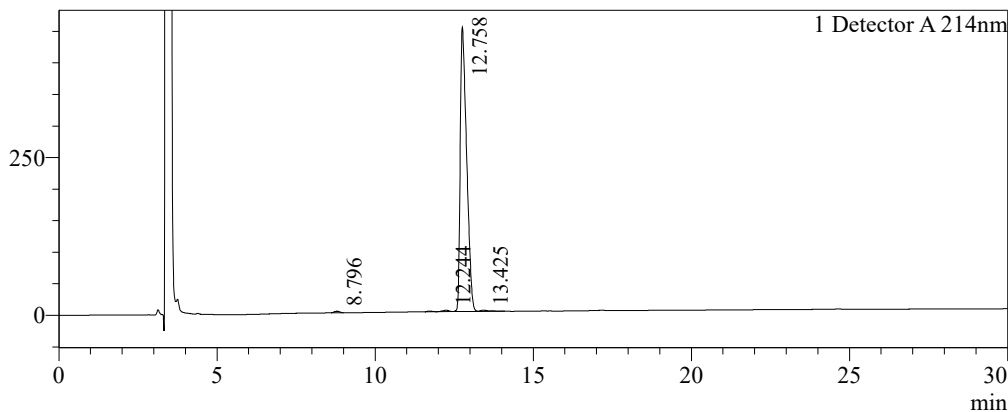
### Sample Information

Order ID : MTF31237  
 Name : Amyloid  $\beta$ -Protein (25-35)  
 Sequence : GSNKGAIIGLM  
 Lot. No : MTF31237-0410  
 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 : Phenomenex Luna<sup>®</sup> 5  $\mu$ m C18(2) (4.6\*250mm\*5  $\mu$ m)  
 Dissolution method : 5% HCOOH+15% ACN+80% H<sub>2</sub>O  
 Inj. Volume : 25ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	15
30.00	Pumps	B.Conc	45
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	15
50.00	Controller	Stop	

### Chromatogram

mV

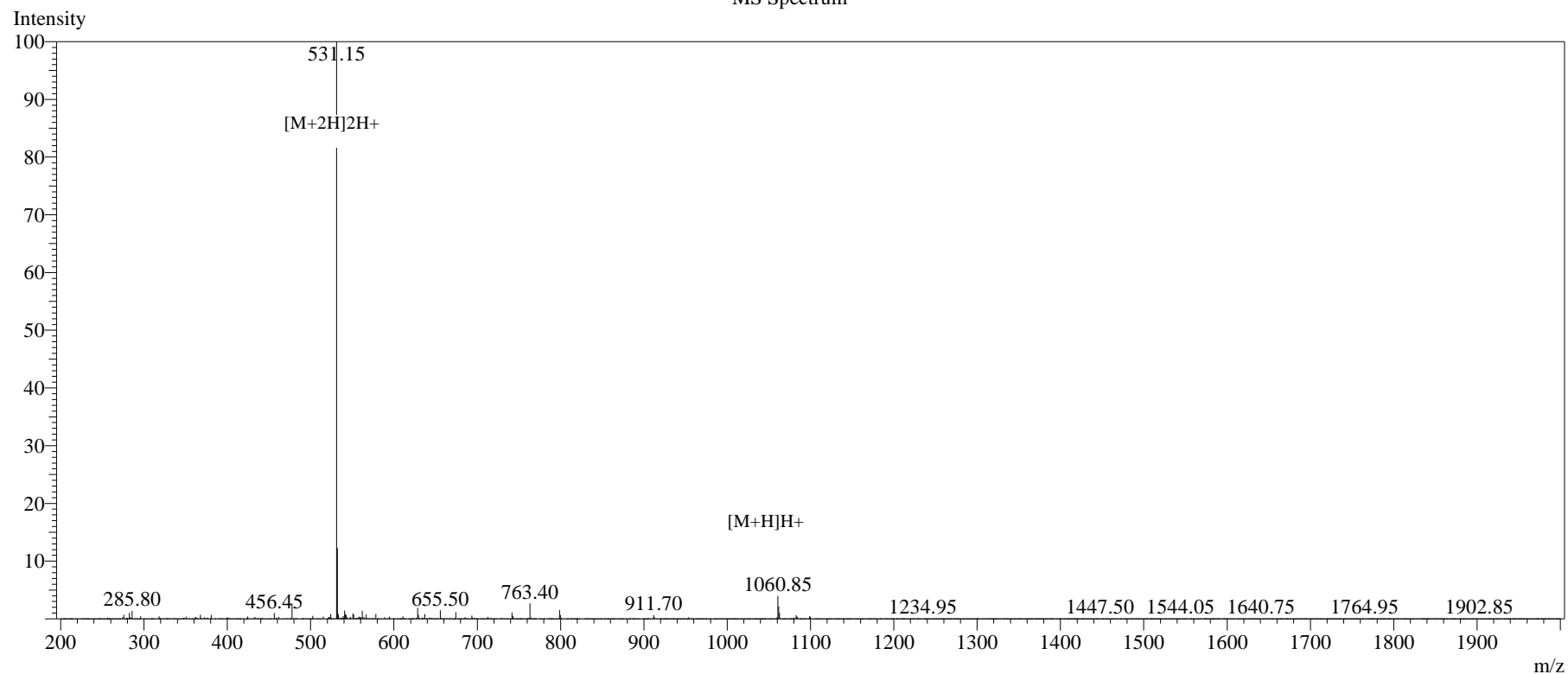


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	8.796	25172	2225	0.389
2	12.244	39247	2283	0.607
3	12.758	6365009	450295	98.404
4	13.425	38783	2044	0.600
Total		6468212	456846	100.000

## MS Spectrum



## Sample Information

Dissolution method	:5% HCOOH+15% ACN+80% H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/04/12 10:18:17	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% MEOH

Order ID	:MTFA31237
Name	:Amyloid $\beta$ -Protein (25-35)
Sequence	:GSNKGAIIGLM
Lot.No	:MTFA31237-0410
Theoretical	:1060.28
Observed	:1060.30