

## CERTIFICATE OF ANALYSIS

Product Name	Ac9-25 peptide, Cat.#: 319851(TFA removed)
Lot No.	MTFA33358-250922
Sequence	Ac-QAWFIENEEQEYVQTVK (Acetate Salt)
Dissolution condition	2%NH <sub>3</sub> .H <sub>2</sub> O+18%ACN+80%H <sub>2</sub> O
Modification	acetate salt
Molecular Weight (MW)	2183.36
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2183.10	Conforms
Purity by HPLC	>95%	97.281%
Peptide Content	N/A	N/A
TFA solubility	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	100 mg	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:



Oct/22/2025

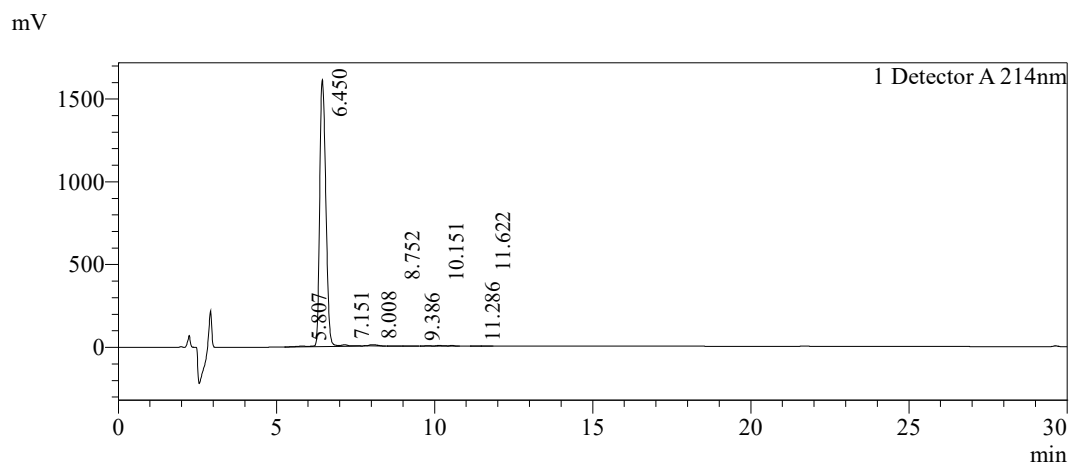
Quality Assurance Department



### Sample Information

Order ID	:MTFA33358		
Name	:Ac9-25 peptide		
Sequence	:Ac-QAWFIENEEQEYVQTVK (Acetate Salt)		
Lot. No	:MTFA33358-250922		
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+18%ACN+80%H2O		
Inj. Volume	: 40ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	30
30.00	Pumps	B.Conc	60
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	30
50.00	Controller	Stop	

### Chromatogram

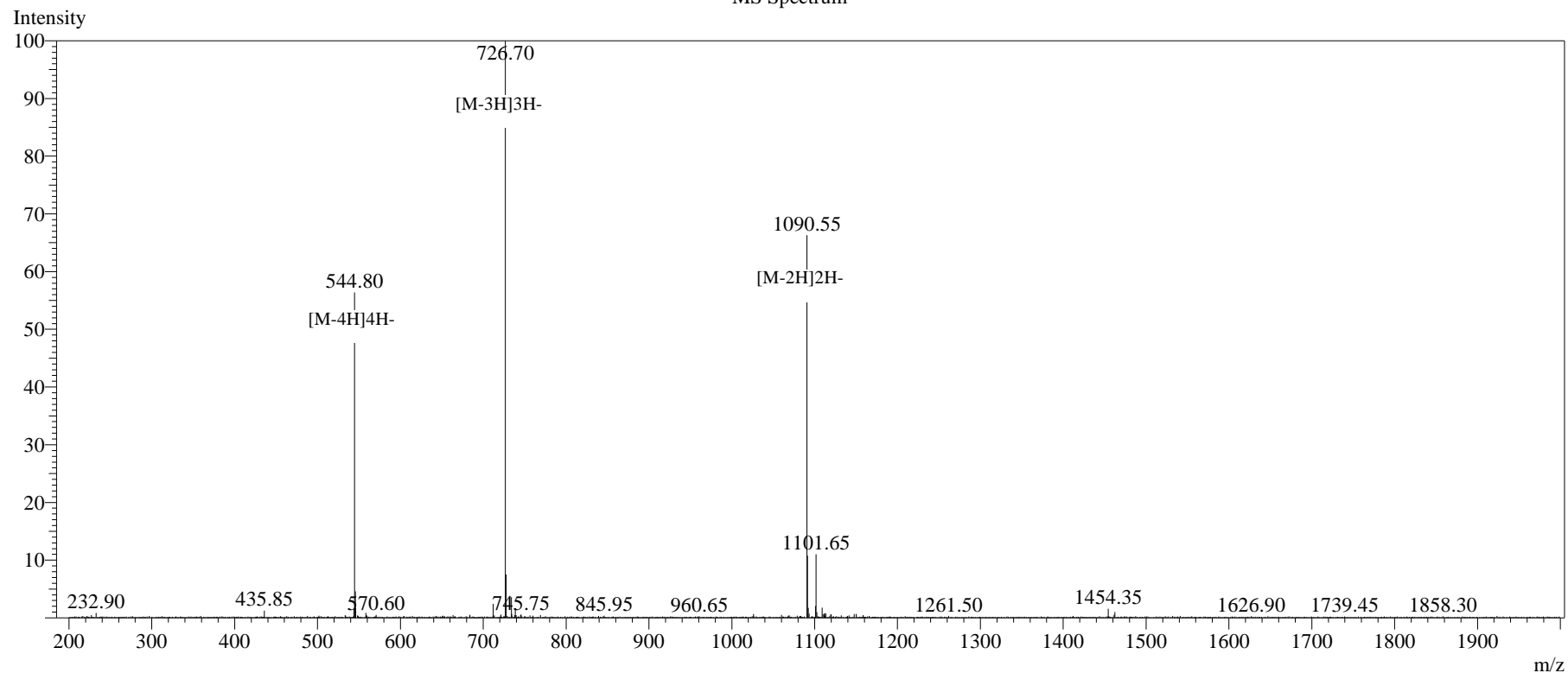


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	5.807	124519	4319	0.559
2	6.450	21653892	1610864	97.281
3	7.151	161287	8692	0.725
4	8.008	144763	8051	0.650
5	8.752	11206	812	0.050
6	9.386	7139	447	0.032
7	10.151	147437	4772	0.662
8	11.286	4024	425	0.018
9	11.622	4857	458	0.022
Total		22259124	1638840	100.000

# MS Spectrum



## Sample Information

Dissolution method	:2%NH <sub>3</sub> .H <sub>2</sub> O+18%ACN+80%H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/10/21 13:20:22	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

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Theoretical	:2183.36
Observed	:2183.10