

## CERTIFICATE OF ANALYSIS

Product Name	Angiopep-2, Cat.#: 318726 (TFA removed)
Lot No.	MTFA33426-251009
Sequence	TFFYGGSRGKRNNFKTEEY (Acetate Salt)
Dissolution condition	100%H <sub>2</sub> O
Modification	acetate salt
Molecular Weight (MW)	2301.48
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2301.45	Conforms
Purity by HPLC	>95%	97.332%
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	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:



Oct/15/2025

Quality Assurance Department



### Sample Information

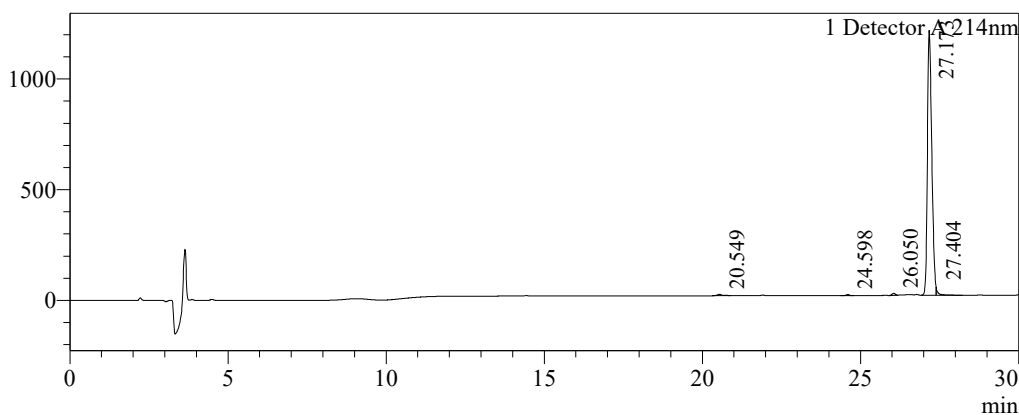
Order ID	:MTFA33426
Name	:Angiopep-2
Sequence	:TFFYGGSRGKRNNFKTEEY (Acetate Salt)
Lot. No	:MTFA33426-251009
Pump A	:0.1%Trifluoroacetic in 100% water
Pump B	:0.1%Trifluoroacetic in 100% acetonitrile
Total Flow	:1ml/min
Wavelength	:214nm
Analytical column type	:Kromasil 100-5-C18 (4.6*250mm*5 µm)
Dissolution method	:100%H <sub>2</sub> O
Inj. Volume	: 30ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	5
30.00	Pumps	B.Conc	35
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	5
50.00	Controller	Stop	

### Chromatogram

mV

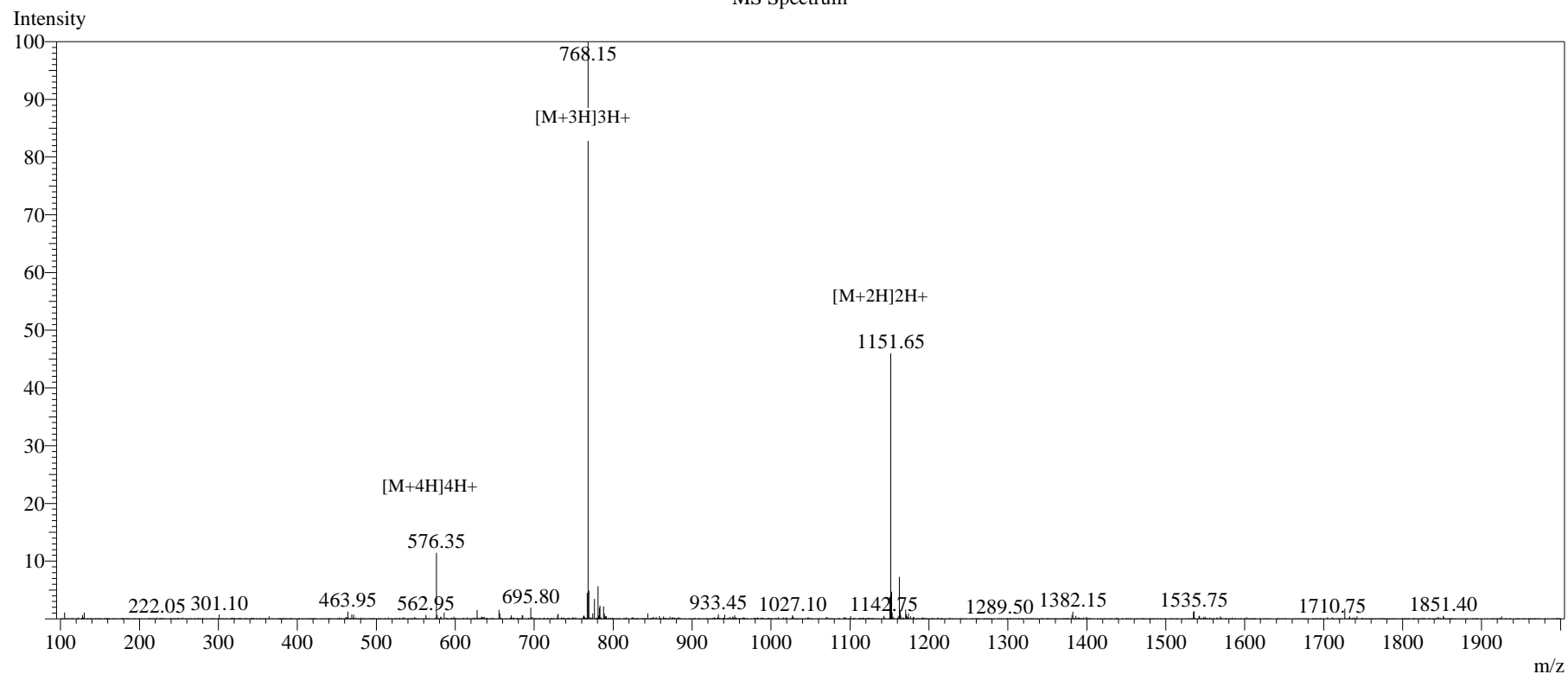


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	20.549	72567	6422	0.616
2	24.598	28577	3842	0.243
3	26.050	61555	9219	0.523
4	27.173	11461899	1195898	97.332
5	27.404	151529	31095	1.287
Total		11776127	1246475	100.000

# MS Spectrum



## Sample Information

Dissolution method	:15% ACN+85% H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/10/14 15:06:10	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	:MTFA33426
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Lot.No	:MTFA33426-251009
Theoretical	:2301.48
Observed	:2301.45