

CERTIFICATE OF ANALYSIS

Product Name	Ac2-26 peptide, Cat.#: 318967 (TFA removed)
Lot No.	MTFA33357-250922
Sequence	Ac-AMVSEFLKQAWFIENEEQEYVQTVK
Dissolution condition	2%NH3.H2O+18%ACN+80%H2O
Modification	Ammonium Salt
Molecular Weight (MW)	3089.61
Storage	-20°C

Test Items	Specifications	Results
MW by MS	3089.40	Conforms
Purity by HPLC	>95%	95.296%
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/24/2025

Quality Assurance Department

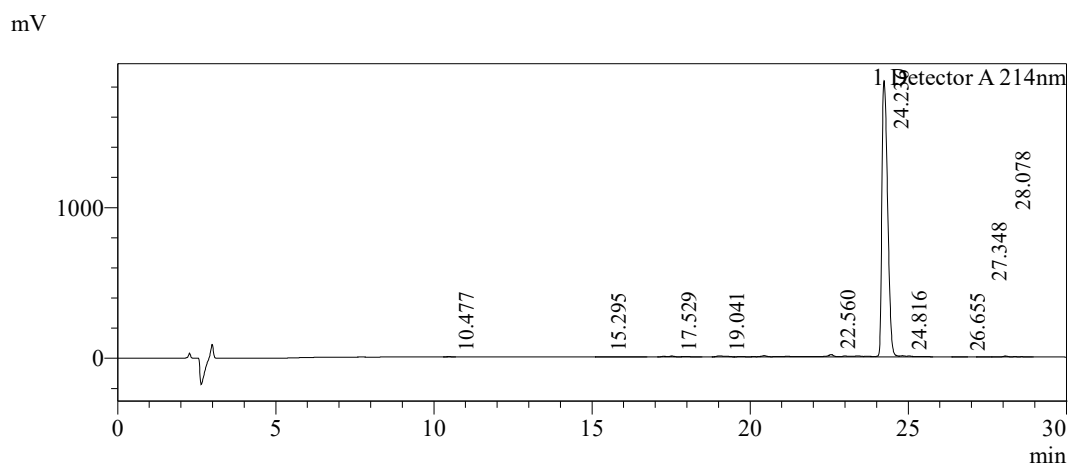


Sample Information

Order ID :MTFA33357
 Name :Ac2-26 peptide
 Sequence :Ac-AMVSEFLKQAWFIENEEQEYVQTVK
 Lot. No :MTFA33357-250922
 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	25
30.00	Pumps	B.Conc	55
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	25
50.00	Controller	Stop	

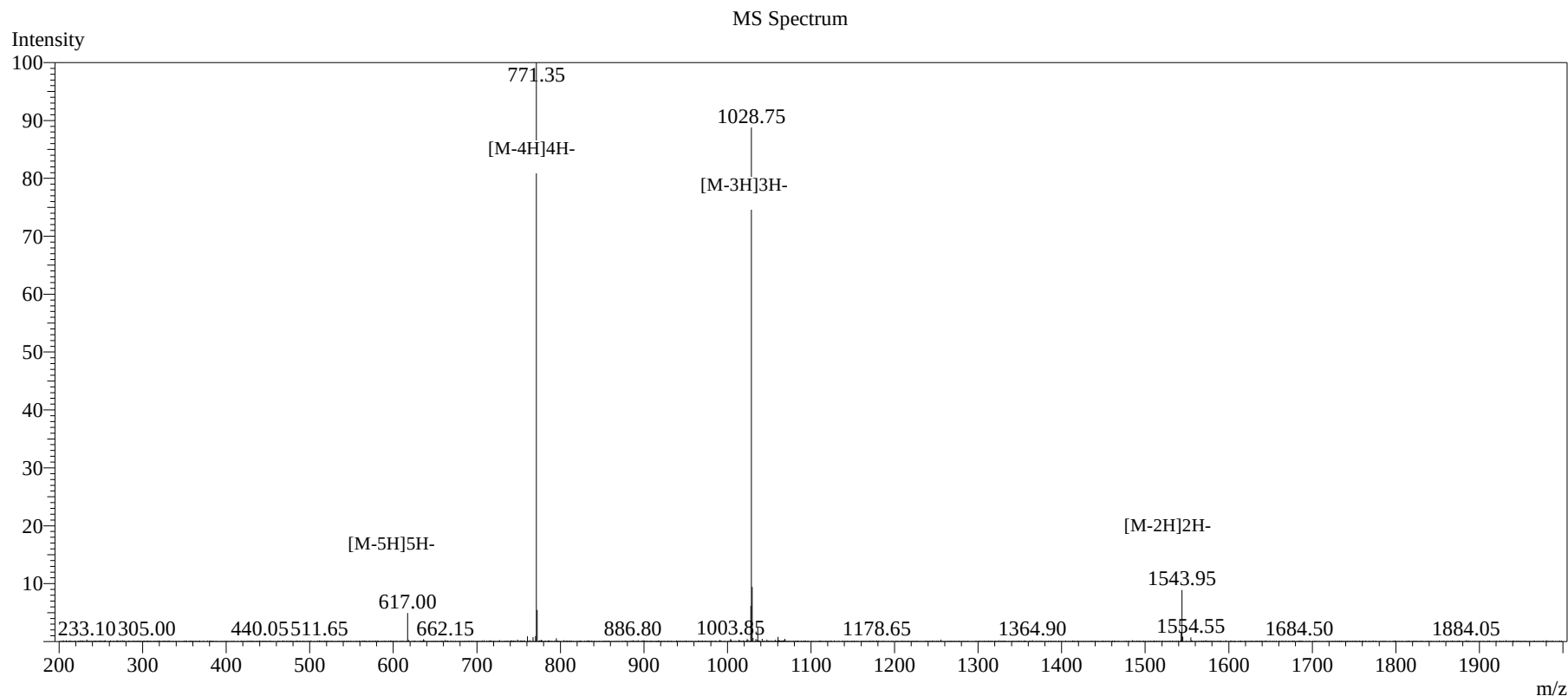
Chromatogram



Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	10.477	25223	2999	0.104
2	15.295	22905	923	0.094
3	17.529	96848	5084	0.399
4	19.041	114847	5852	0.473
5	22.560	603792	14881	2.487
6	24.236	23133647	1831180	95.296
7	24.816	161230	6751	0.664
8	26.655	5236	613	0.022
9	27.348	8282	630	0.034
10	28.078	103461	5892	0.426
Total		24275470	1874805	100.000



Sample Information

Dissolution method	:2%NH ₃ .H ₂ O+18%ACN+80%H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/10/22 11:08:02	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%MEOH
Order ID	:MTFA33357				
Name	:Ac2-26 peptide				
Sequence	:Ac-AMVSEFLKQAWFIENEEQEYVQTVK				
Lot.No	:MTFA33357-250922				
Theoretical	:3089.61				
Observed	:3089.40				