

CERTIFICATE OF ANALYSIS

Product Name	Acein-2 peptide, Cat.#: 303002
Lot No.	MTFB20430-260104
Sequence	LIY
Dissolution condition	100%H2O
Modification	N/A
Molecular Weight (MW)	407.51
Storage	-20°C

Test Items	Specifications	Results
MW by MS	407.30	Conforms
Purity by HPLC	>95%	96.801%
Endotoxin 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	10 mg	5.0mg*2

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

Jan/27/2026

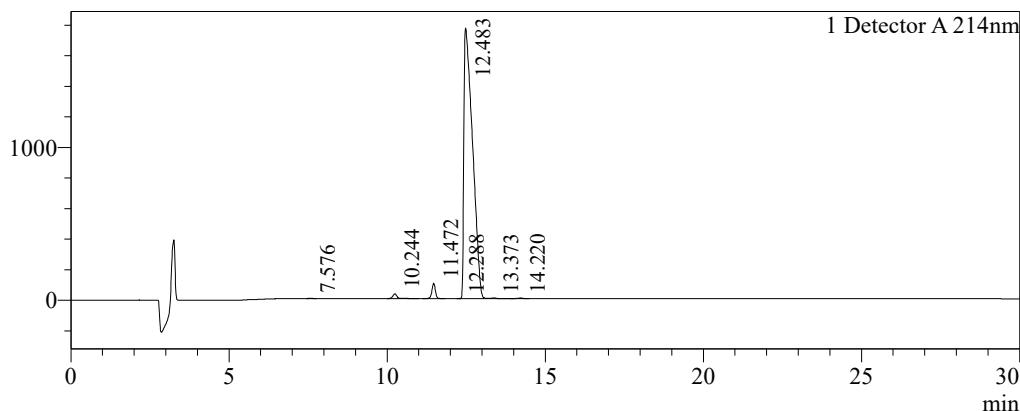


Sample Information

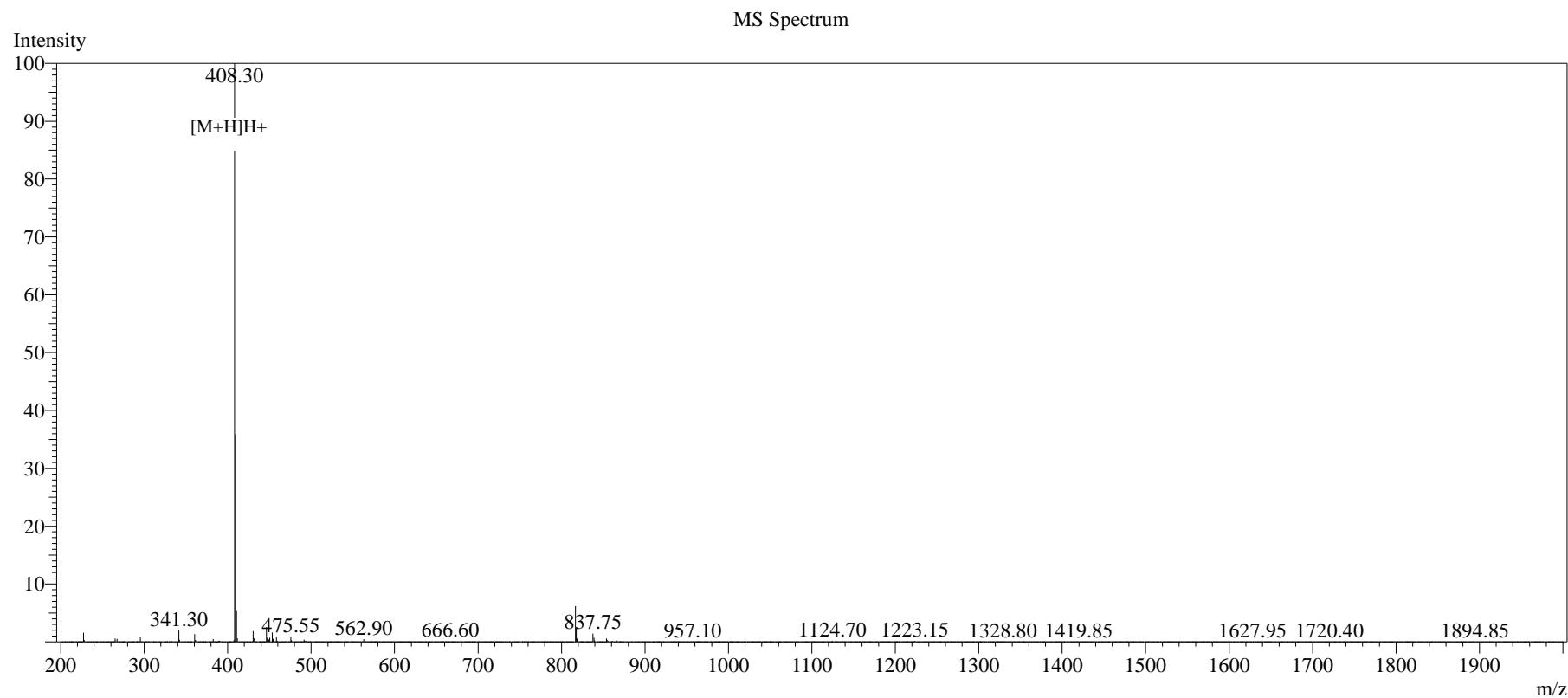
Order ID	:MTFB20430		
Name	:N/A		
Sequence	:LIY		
Lot. No	:MTFB20430-260104		
Pump A	:0.1%Trifluoroacetic in 100% water		
Pump B	:0.1%Trifluoroacetic in 100% acetonitrile		
Total Flow	:1ml/min		
Wavelength	:214nm		
Analytical column type	:Kromasil 100-5-C18 (4.6*250mm*5 μm)		
Dissolution method	:100%H2O		
Inj. Volume	: 15ul		
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	7.576	4586	614	0.013
2	10.244	283619	30871	0.814
3	11.472	744406	99109	2.136
4	12.288	644	247	0.002
5	12.483	33732102	1766641	96.801
6	13.373	47557	4523	0.136
7	14.220	34058	3095	0.098
Total		34846971	1905100	100.000



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/01/22 13:58:54	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%H2O/50%MEOH
Order ID	:MTFB20430				
Name	:N/A				
Sequence	:LIY				
Lot.No	:MTFB20430-260104				
Theoretical	:407.51				
Observed	:407.30				