

CERTIFICATE OF ANALYSIS

Product Name	alpha-Neo-endorphin peptide, Cat.#: 300043
Lot No.	MTFB20924-06-260607
Sequence	YGGFLRKYPK
Dissolution condition	100%H ₂ O
Modification	N/A
Molecular Weight (MW)	1228.45
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1228.60	Conforms
Purity by HPLC	>95%	98.774%
Peptide content	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	20.0mg	5.0mg*4

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

Jul/24/2026

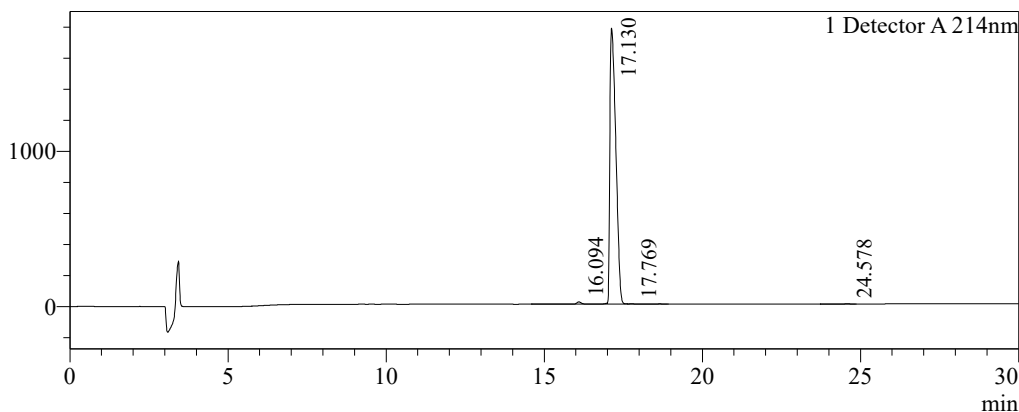


Sample Information

Order ID	:MTFB20924-06		
Name	:alpha-Neo-endorphin peptide, Cat.#: 300043		
Sequence	:YGGFLRKYPK		
Lot. No	:MTFB20924-06-260607		
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	10
30.00	Pumps	B.Conc	40
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	10
50.00	Controller	Stop	

Chromatogram

mV

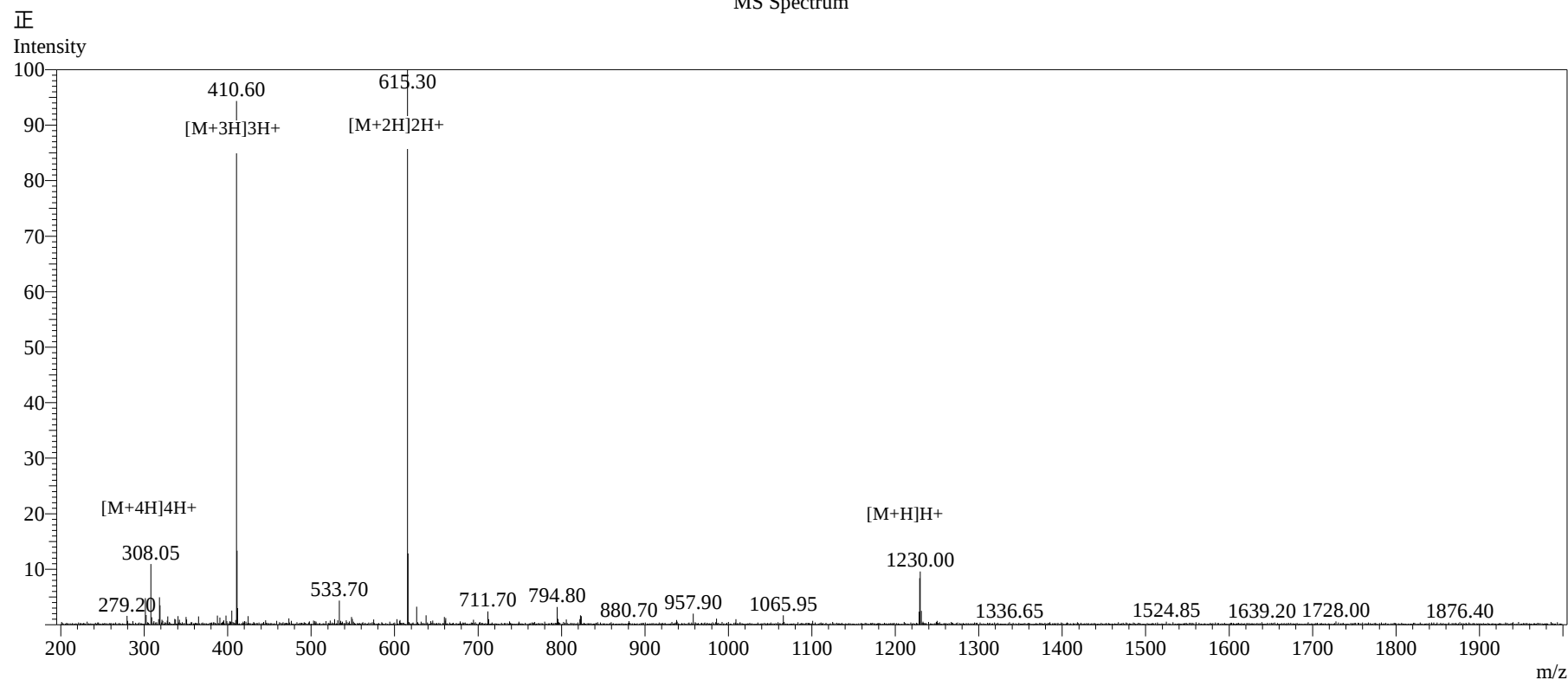


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	16.094	219126	14813	0.931
2	17.130	23250458	1776132	98.774
3	17.769	62320	1913	0.265
4	24.578	7126	527	0.030
Total		23539030	1793384	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/07/20 14:09:24	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

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Lot.No	:MTFB20924-06-260607
Theoretical	:1228.45
Observed	:1228.60