

CERTIFICATE OF ANALYSIS

Product Name	Kisspeptin-54 (27-54) (human) peptide, Cat.#: 310931
Lot No.	MTFB20998-01-260707
Sequence	IPAPQGAVLVQREKDLPNYNWNSFGLRF-NH2
Dissolution condition	100%H2O
Modification	N/A
Molecular Weight (MW)	3229.65
Storage	-20°C

Test Items	Specifications	Results
MW by MS	3229.80	Conforms
Purity by HPLC	>95%	98.054%
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: 

Aug/06/2026

Quality Assurance Department



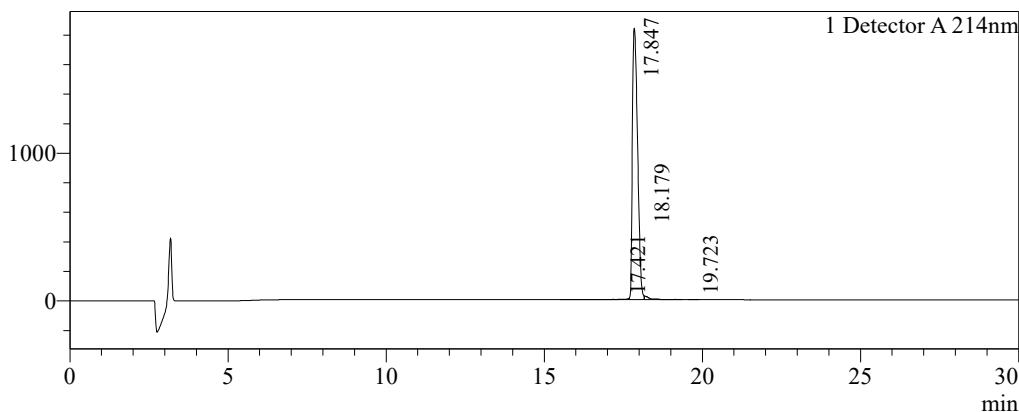
Sample Information

Order ID :MTFB20998-01
 Name :Kisspeptin-54 (27-54) (human) peptide, Cat.#: 310931
 Sequence :IPAPQGAVLVQREKDLPNYNWNSFGLRF-NH2
 Lot. No :MTFB20998-01-260707
 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	20
30.00	Pumps	B.Conc	50
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	20
50.00	Controller	Stop	

Chromatogram

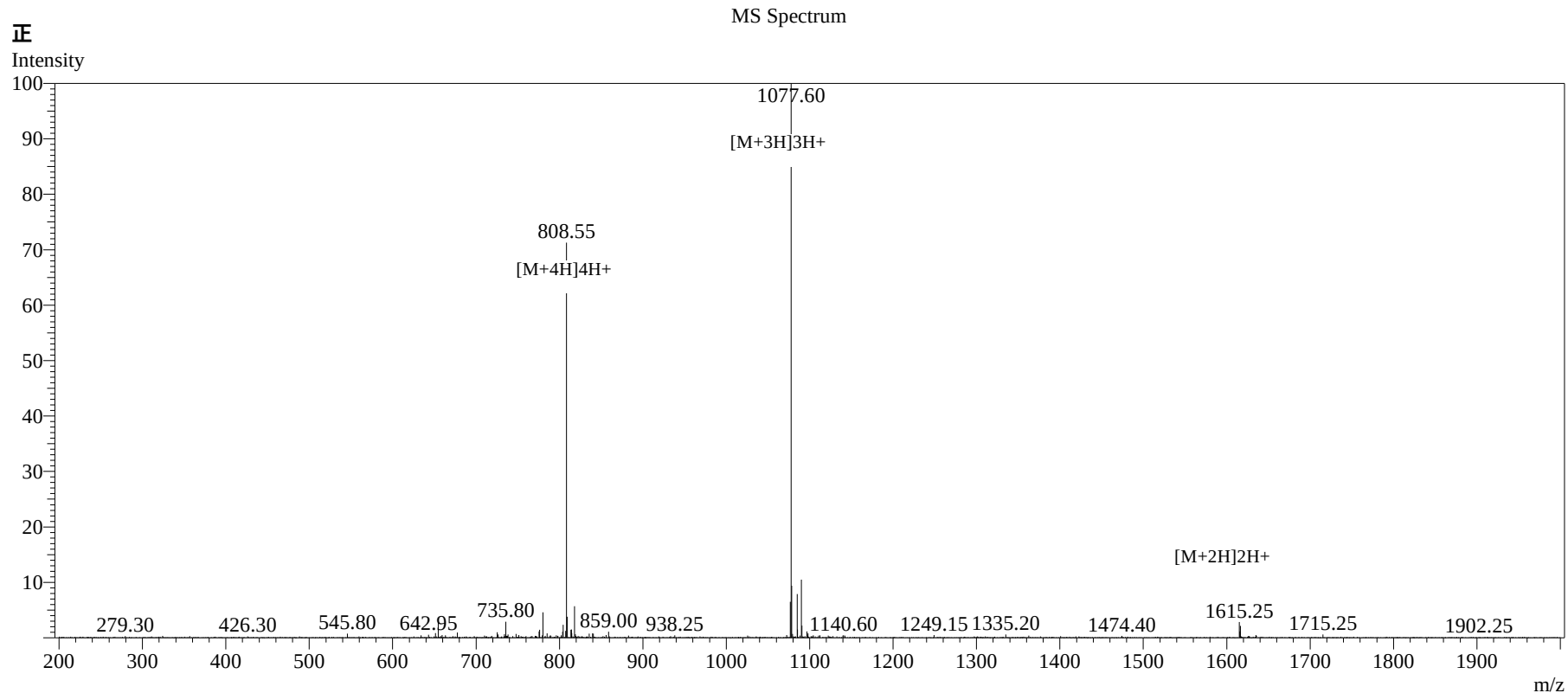
mV



Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	17.421	123965	3018	0.575
2	17.847	21133746	1835997	98.054
3	18.179	294015	24159	1.364
4	19.723	1528	205	0.007
Total		21553253	1863378	100.000



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/08/05 09:34:15	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

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Lot.No	:MTFB20998-01-260707
Theoretical	:3229.65
Observed	:3229.80