

CERTIFICATE OF ANALYSIS

Product Name	Kisspeptin-54 (human) peptide, Cat.#: 301006 (TFA removed)
Lot No.	MTFA33156-250804
Sequence	GTSLSPPESSGSRQQPGLSAPHSRQIPAPQGAVLVQREKDLPN YNWNSFGLRF-NH2 (Acetate Salt)
Dissolution condition	100%H2O
Modification	acetate salt
Molecular Weight (MW)	5857.41
Storage	-20°C

Test Items	Specifications	Results
MW by MS	5856.60	Conforms
Purity by HPLC	>95%	98.691%
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	50mg	5.0mg*10

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:



Sep/24/2025

Quality Assurance Department

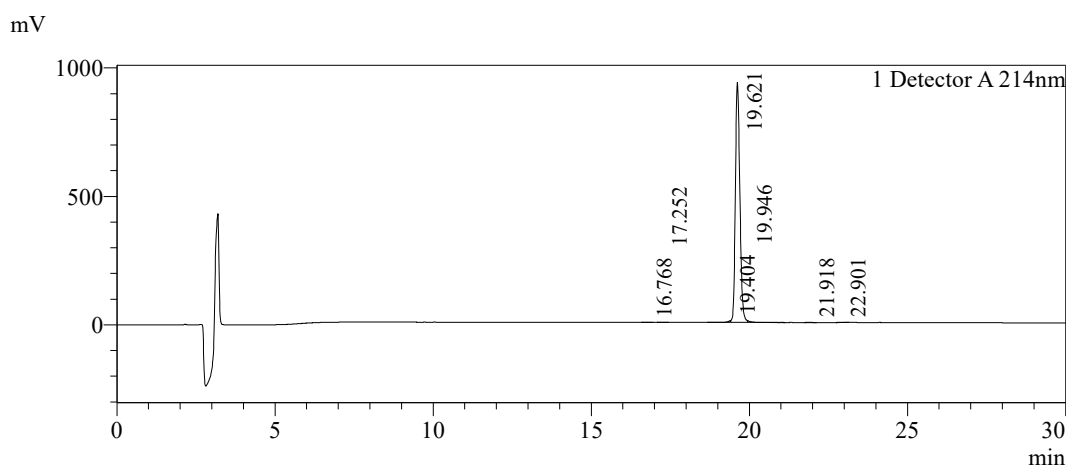


Sample Information

Order ID :MTFA33156
 Name :Kisspeptin-54 (human) peptide
 Sequence :GTSLSPPPESSGSRQQPGLSAPHSRQIPAPQGAVLVQR
 EKDLPNYNWNSFGLRF-NH2 (Acetate Salt)
 Lot. No :MTFA33156-250804
 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 : 25ul

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	

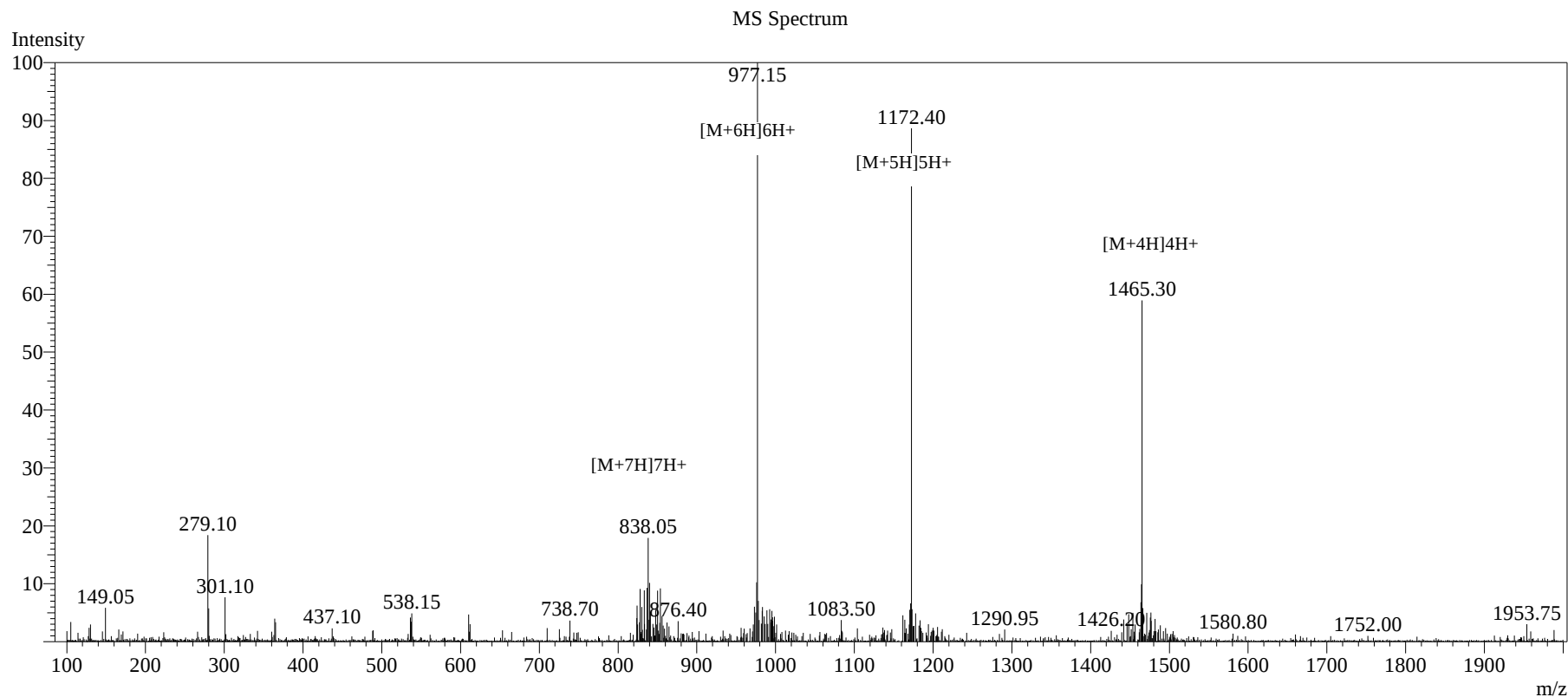
Chromatogram



Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	16.768	3672	415	0.039
2	17.252	1732	190	0.018
3	19.404	46854	6824	0.500
4	19.621	9250172	934660	98.691
5	19.946	59152	6921	0.631
6	21.918	3507	366	0.037
7	22.901	7739	795	0.083
Total		9372828	950170	100.000



Sample Information

Dissolution method	:15%ACN+85%H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/09/24 13:35:29	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	:MTFA33156				
Name	:Kisspeptin-54 (human) peptide				
Sequence	:GTSLSPPESSGSRQQPGLSAPHSRQIPAPQGAVLVQREKDLPNYNWNSFGLRF-NH ₂ (Acetate Salt)				
Lot.No	:MTFA33156-250804				
Theoretical	:5857.41				
Observed	:5856.90				