

CERTIFICATE OF ANALYSIS

Product Name	(Des-octanoyl)-Ghrelin(mouse, rat), Cat.#: 309899 (TFA Removed)
Lot No.	MTFA33551-251110
Sequence	GSSFLSPEHQKAQQRKESKKPPAKLQPR (Acetate Salt)
Dissolution condition	100%H ₂ O
Modification	acetate salt
Molecular Weight (MW)	3188.59
Storage	-20°C

Test Items	Specifications	Results
MW by MS	3189.25	Conforms
Purity by HPLC	>95%	97.842%
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	5mg	5.0mg

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:



Nov/25/2025

Quality Assurance Department

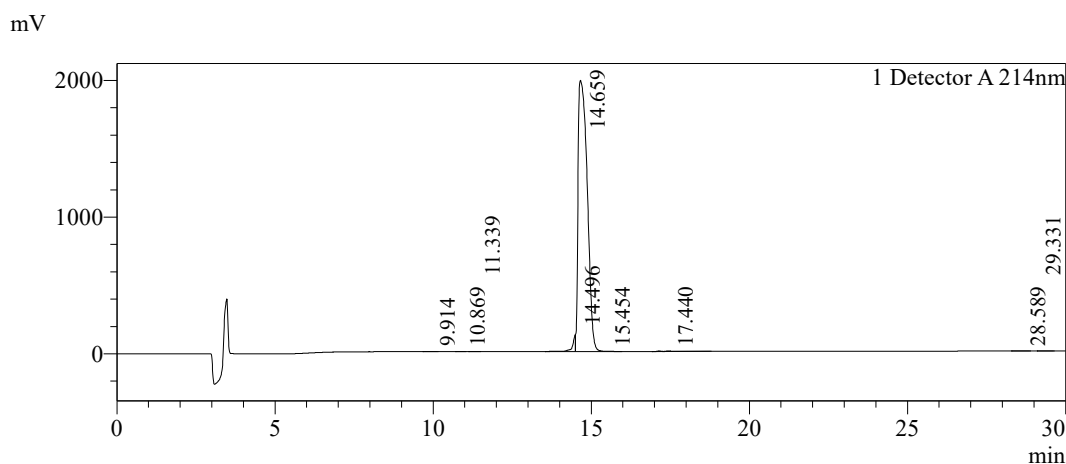


Sample Information

Order ID :MTFA33551
 Name :(Des-octanoyl)-Ghrelin(mouse, rat)
 Sequence :GSSFLSPEHQKAQQRKESKKPPAKLQPR (Acetate Salt)
 Lot. No :MTFA33551-251110
 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 : 30ul

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

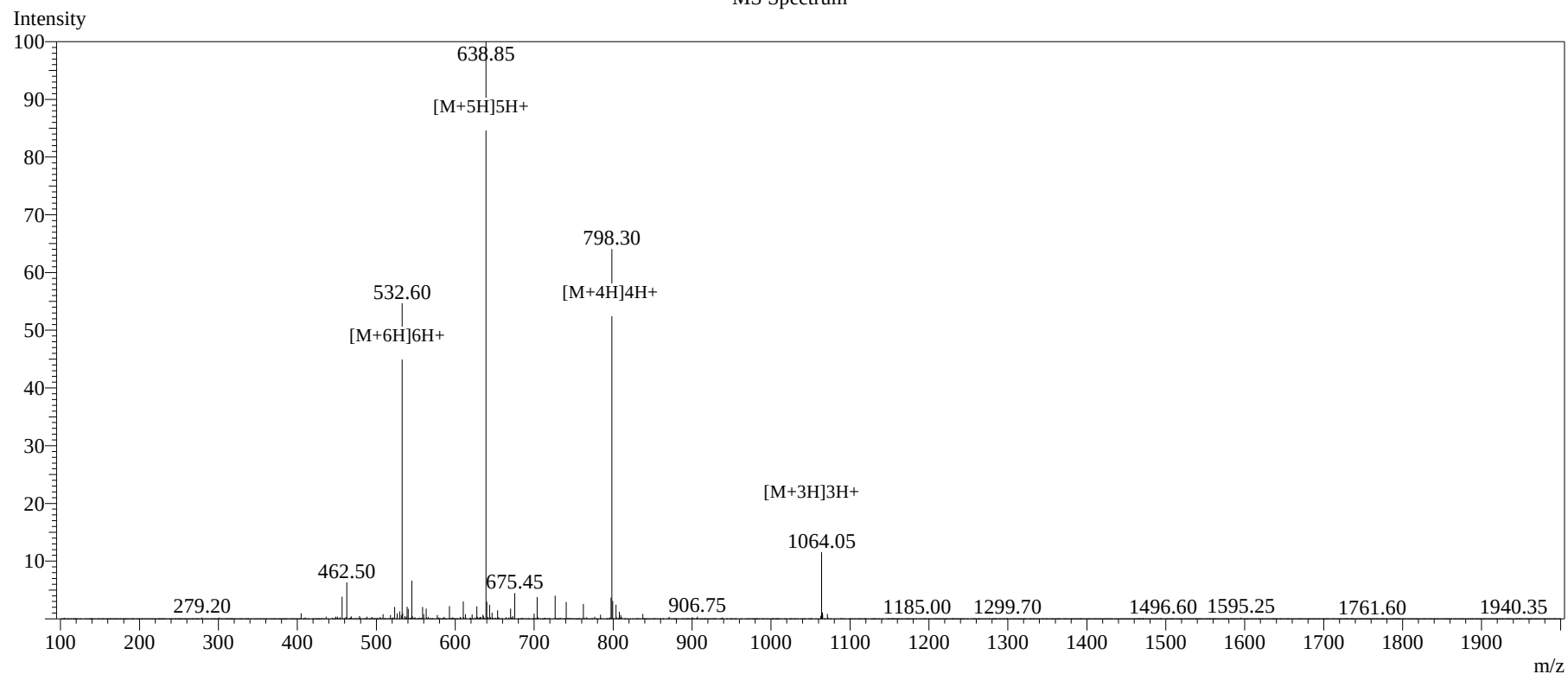


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	9.914	4146	340	0.010
2	10.869	4535	565	0.011
3	11.339	2755	333	0.007
4	14.496	753277	120513	1.844
5	14.659	39970604	1982545	97.842
6	15.454	19273	1861	0.047
7	17.440	83269	4531	0.204
8	28.589	7527	514	0.018
9	29.331	6986	539	0.017
Total		40852372	2111740	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/11/24 10:29:46	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	:MTFA33551				
Name	:(Des-octanoyl)-Ghrelin(mouse, rat)				
Sequence	:GSSFLSPEHQKAQQRKESKKPPAKLQPR(Acetate Salt)				
Lot.No	:MTFA33551-251110				
Theoretical	:3188.59				
Observed	:3189.25				