


CERTIFICATE OF ANALYSIS

Product Name	FOXO4 D-Retro-Inverso(DRI) peptide Cat.#: 318716 (TFA removed)
Lot No.	MTFA30528-0925
Sequence	ltrlrkepaseiaqsileaysqngwanrrsggkrpppprrrqrkkrg (Acetate Salt)
Dissolution condition	100%H ₂ O
Length	46AA
Modification	allD-AA, Acetate Salt
Molecular Weight (MW)	5358.05
Storage	-20°C

Test Items	Specifications	Results
MW by MS	5358.40	Conforms
Purity by HPLC	>95%	95.004%
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	60 mg	5.0mg*12

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

Sep/26/2023

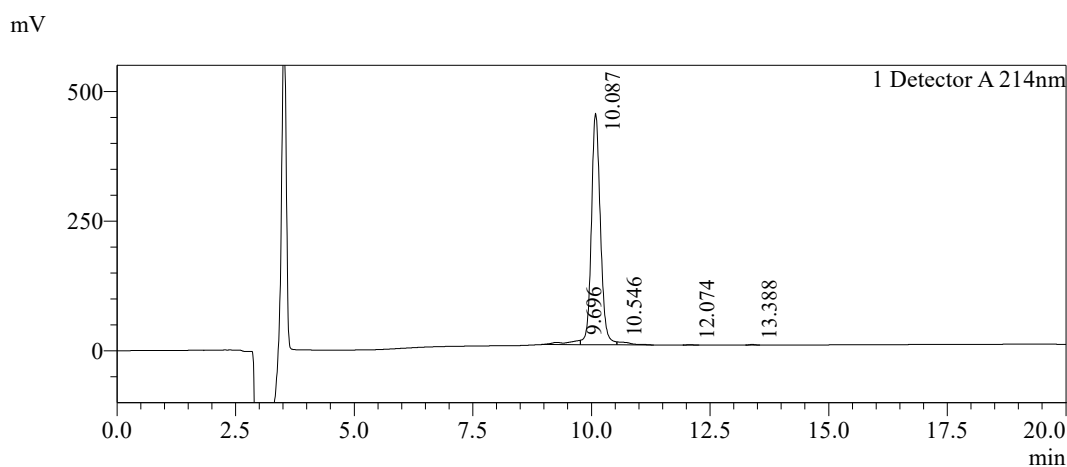


Sample Information

Order ID :MTFA30528
 Name :FOXO4-DRI
 Sequence :ltrlrkepaseiaqsileaysqngwanrrsggkrppprrrrqrkkrkrg (Acetate Salt)
 Lot. No :MTFA30528-0925
 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 :Phenomenex Luna® 5 µm C18(2) (4.6*250mm*5 µm)
 Dissolution method :100%H2O
 Inj. Volume : 30ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	25
20.00	Pumps	B.Conc	45
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	25
50.00	Controller	Stop	

Chromatogram

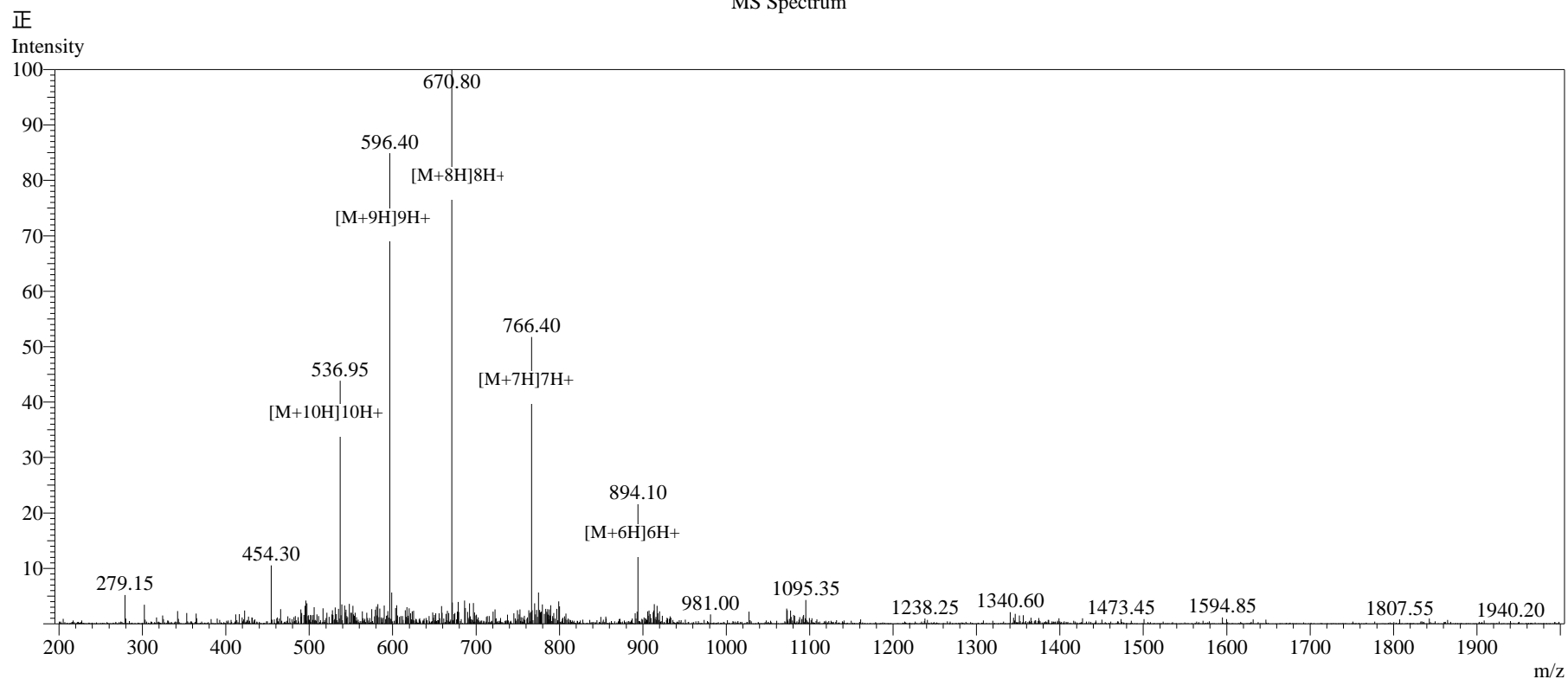


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	9.696	189977	7304	3.056
2	10.087	5905427	445173	95.004
3	10.546	107865	5701	1.735
4	12.074	4293	427	0.069
5	13.388	8396	1126	0.135
Total		6215959	459730	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/09/26 17:17:54	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% H ₂ O/50% MEOH

Order ID	:MTFA30528
Name	:FOXO4-DRI
Sequence	:ltlrkpeaseiaqsileaysqngwanrrsggkrppprrrrkrkrg(Acetate Salt)
Lot.No	:MTFA30528-0925
Theoretical	:5358.05
Observed	:5358.40

Instructions for dissolving FOXO4-DRI peptide

The FOXO4-DRI peptide is soluble in 100% H₂O or 1xPBS. The maximum concentration is 10.0 mg/ml.

The steps are as below:

1. Adding 1.0 ml ultrapure water to the 1.5 ml tube (screw cap) of FOXO4-DRI peptide;
2. Wait about 5 minutes at room temperature until the solution is clear, which indicates the peptide is fully dissolved;
3. Use a sterile 0.22 µm membrane filter for a particle-free and bacteria-free tirzepatide solution.