

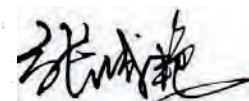
CERTIFICATE OF ANALYSIS

Product Name	Jelleine-I peptide, Cat.#: 300529 (TFA removed)
Lot No.	MTFA31113-0315
Sequence	PFKLSLHL-NH2 (Acetate Salt)
Dissolution condition	5%HCOOH+15%ACN+80%H2O
Length	8AA
Modification	acetate salt
Molecular Weight (MW)	953.17
Storage	-20°C

Test Items	Specifications	Results
MW by MS	953.10	Conforms
Purity by HPLC	>95%	95.005%
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	60mg	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

Mar/26/2024



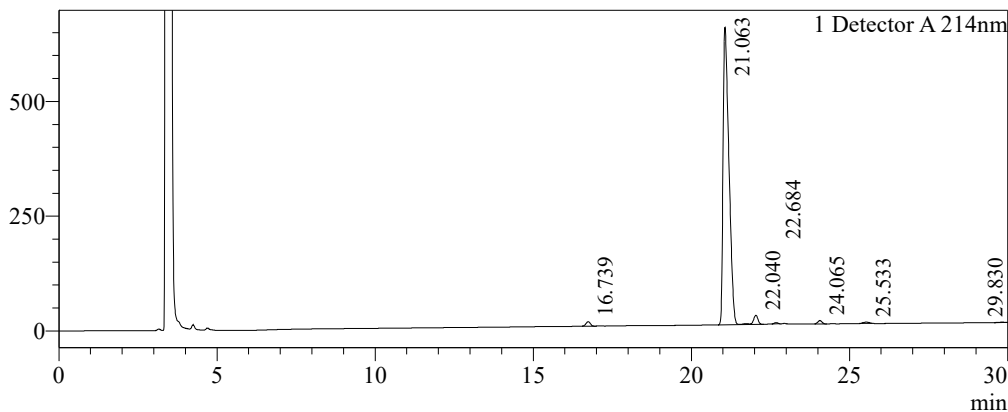
Sample Information

Order ID :MTFA31113
 Name :Jelleine-I
 Sequence :PFKLSLHL-NH2 (Acetate Salt)
 Lot. No :MTFA31113-0315
 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 :5%HCOOH+15%ACN+80%H2O
 Inj. Volume : 20ul

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

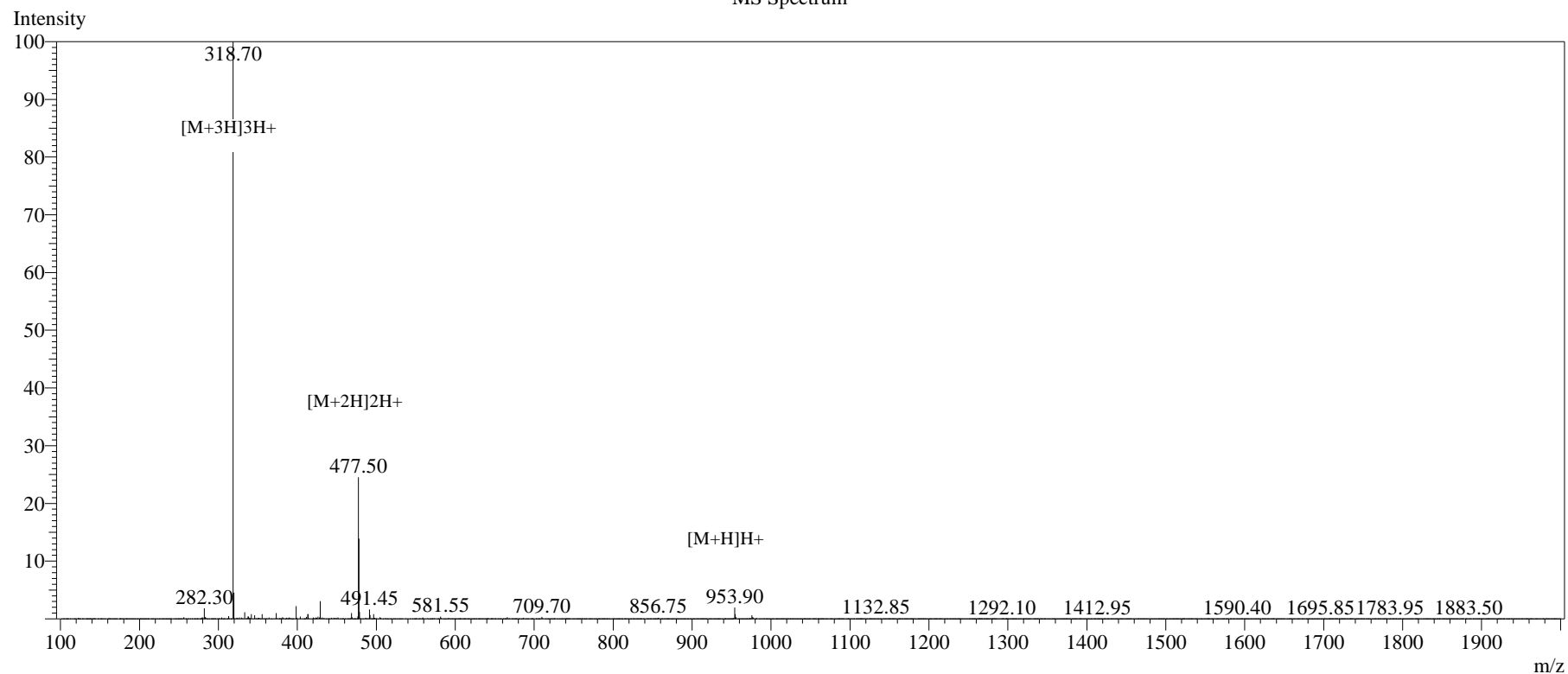


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	16.739	93573	9838	1.068
2	21.063	8327642	648192	95.005
3	22.040	220260	20113	2.513
4	22.684	22284	2907	0.254
5	24.065	64976	7292	0.741
6	25.533	25980	2382	0.296
7	29.830	10762	809	0.123
Total		8765478	691533	100.000

MS Spectrum



Sample Information

Dissolution method	:5% HCOOH+15% ACN+80% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/03/25 13:14:19	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	:MTFA31113
Name	:Jelleine-I
Sequence	:PFKLSLHL-NH ₂ (Acetate Salt)
Lot.No	:MTFA31113-0315
Theoretical	:953.17
Observed	:953.10