

CERTIFICATE OF ANALYSIS

Product Name	POLARIS peptide, Cat.#: 309700 (TFA removed)
Lot No.	MTFA33372-250923
Sequence	MKPRLC*FNFRRRSISPC*YISISYLLVAKLFLFKLFIH (Acetate Salt)
Dissolution condition	100%H ₂ O
Modification	acetate salt; Disulfide bond
Molecular Weight (MW)	4388.38
Storage	-20°C

Test Items	Specifications	Results
MW by MS	4389.00	Conforms
Purity by HPLC	>95%	95.216%
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	20mg	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:



Nov/06/2025

Quality Assurance Department



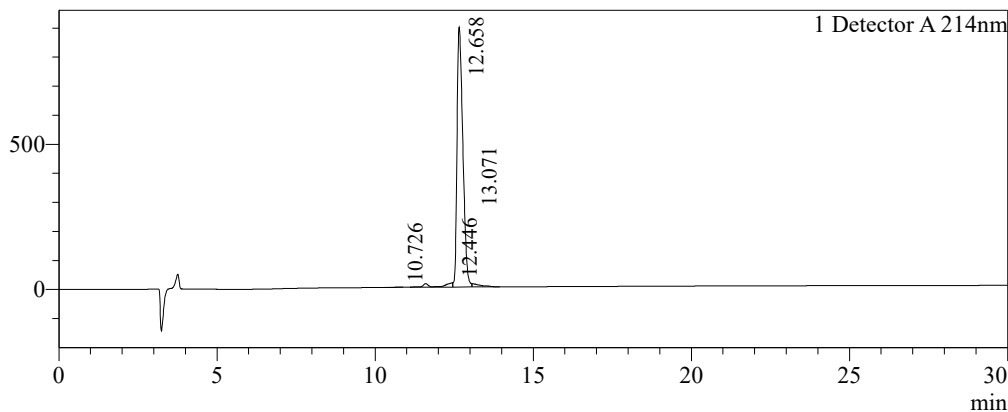
Sample Information

Order ID :MTFA33372
 Name :POLARIS peptide
 Sequence :MKPRLC*FNFRRSISPC*YISISYLLVAKLFLFKLFIH
 (Acetate Salt)
 Lot. No :MTFA33372-250923
 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	35
30.00	Pumps	B.Conc	65
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	35
50.00	Controller	Stop	

Chromatogram

mV

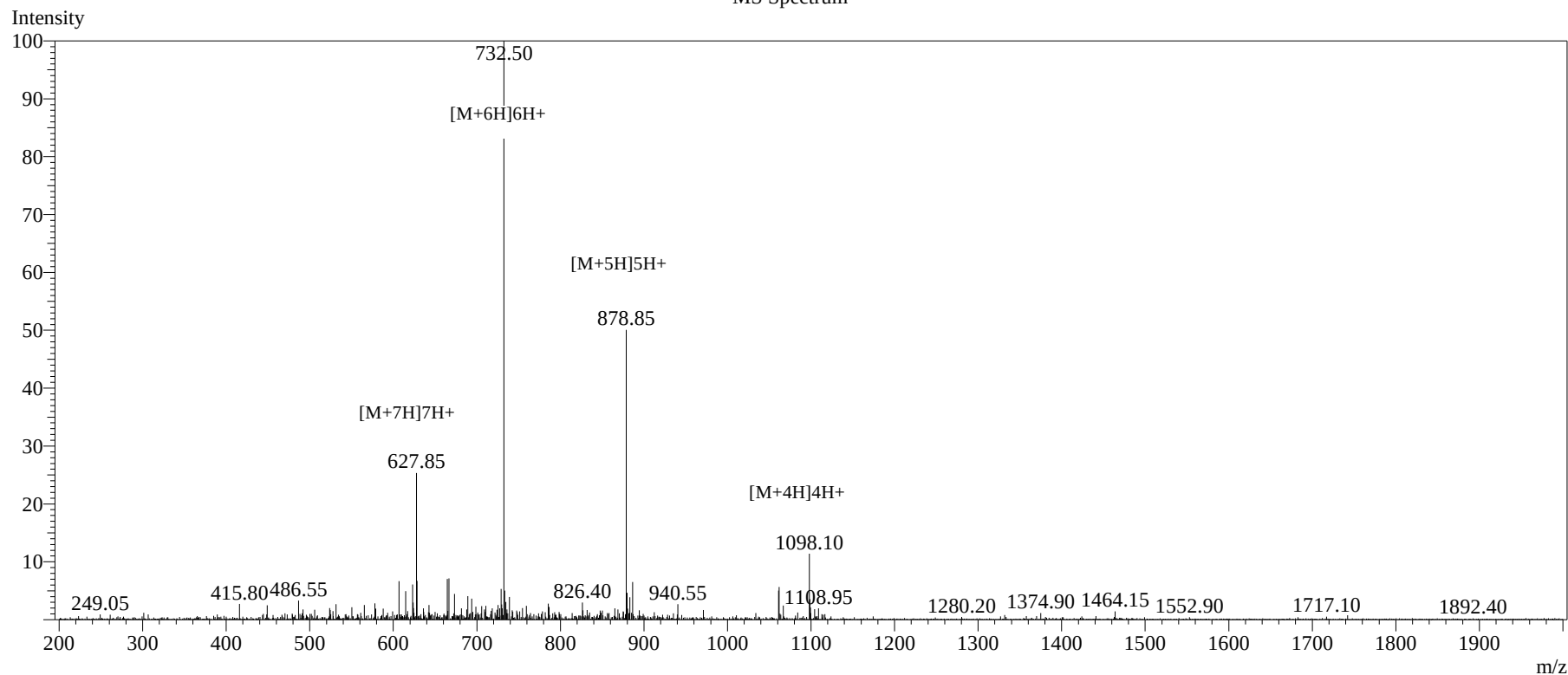


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	10.726	5158	222	0.043
2	12.446	364044	14555	3.006
3	12.658	11531696	893759	95.216
4	13.071	210228	11018	1.736
Total		12111125	919554	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/11/04 14:18:39	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	:MTFA33372
Name	:POLARIS peptide
Sequence	:MKPRLC*FNFRRSISPC*YISISYLLVAKLFKLFKIH (Acetate Salt)
Lot.No	:MTFA33372-250923
Theoretical	:4388.38
Observed	:4389.00