

CERTIFICATE OF ANALYSIS

Product Name	Peptide 46, Cat.#: 316072 (TFA removed)
Lot No.	MTFA32655-0407
Sequence	GSRAHSSHLKSKKGQSTSRHKK (Acetate Salt)
Dissolution condition	100%H ₂ O
Length	22AA
Modification	acetate salt
Molecular Weight (MW)	2432.70
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2433.30	Conforms
Purity by HPLC	>95%	96.161%
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	500mg	20.0mg*25

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:



May/28/2025

Quality Assurance Department



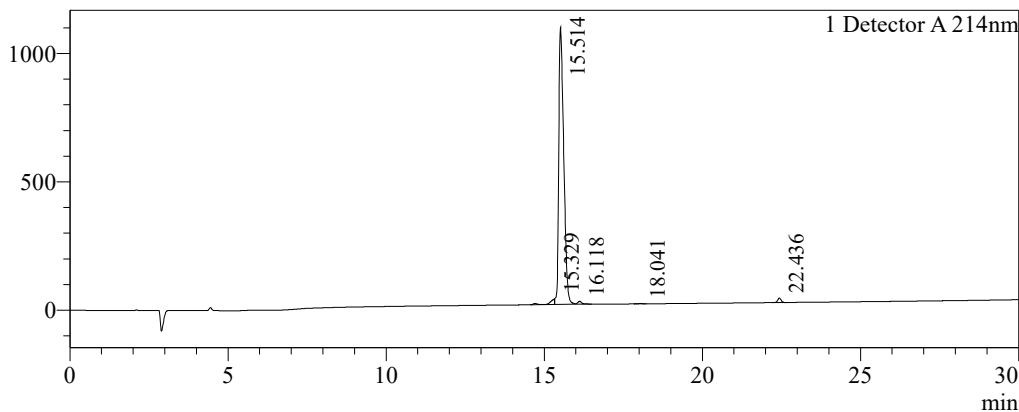
Sample Information

Order ID :MTFA32655
 Name :Peptide 46
 Sequence :GSRAHSSHLKSKKGQSTSRHKK (Acetate Salt)
 Lot. No :MTFA32655-0407
 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	0.1
30.00	Pumps	B.Conc	30
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	0.1
50.00	Controller	Stop	

Chromatogram

mV

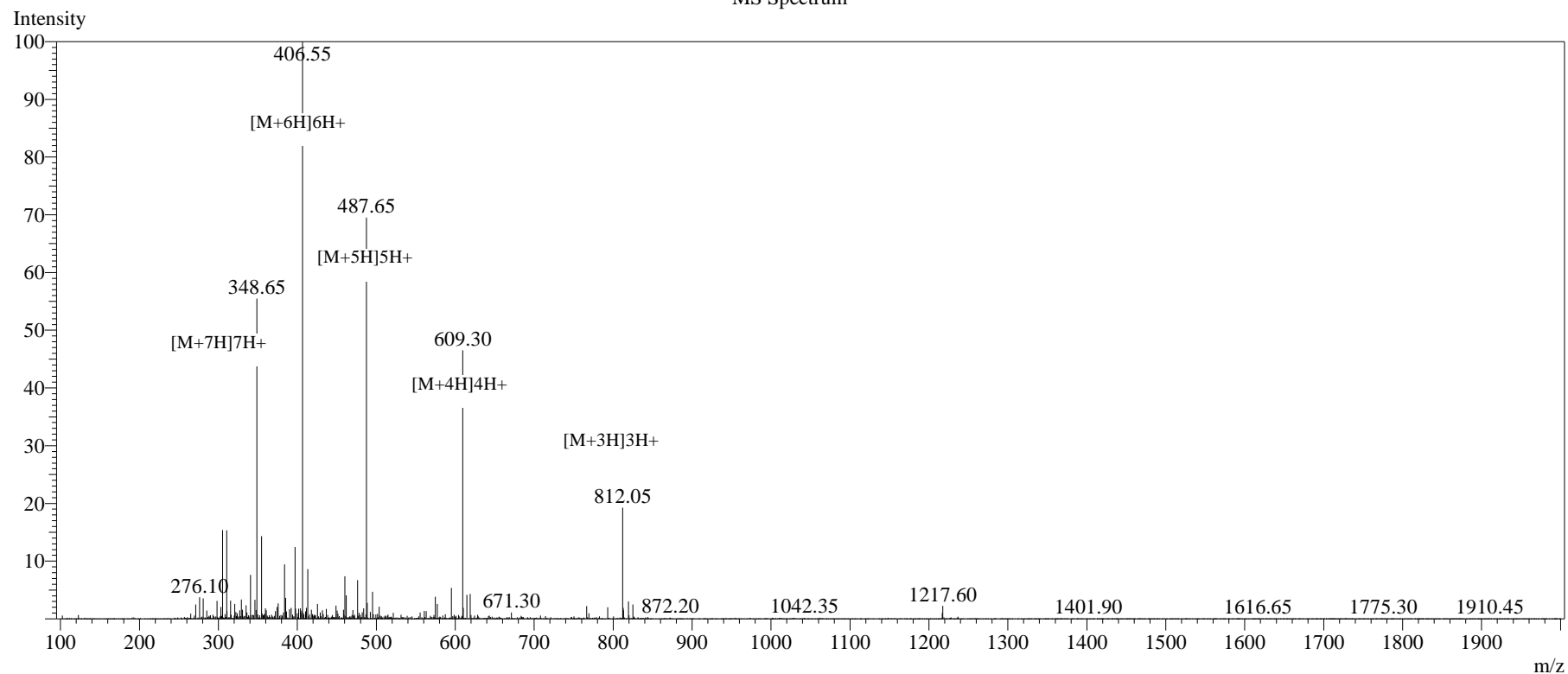


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	15.329	219446	22084	1.783
2	15.514	11833540	1079272	96.161
3	16.118	111504	11382	0.906
4	18.041	13075	1803	0.106
5	22.436	128436	17312	1.044
Total		12306002	1131854	100.000

MS Spectrum



Sample Information

Dissolution method :15% ACN+85% H₂O
 Date Acquired :2025/04/23 10:33:55
 Injection Volume :0.2ul
 Block Temp :200

Interface :ESI
 Nebulizing Gas Flow :1.50L/min
 CDL Temp :250°C
 CDL Volt :0v

Prerod Bias :+4.5kv
 Detector :-0.2kv
 T.Flow :0.2ml/min
 B.conc :50% H₂O/50% ME OH

Order ID :MTFA32655
 Name :Peptide 46
 Sequence :GSRAHSSHLKSKKGQSTSRHKK
 Lot.No :MTFA32655-0407
 Theoretical :2432.70
 Observed :2433.30