

CERTIFICATE OF ANALYSIS

Product Name	NSPr peptide, Cat.#: 319407
Lot No.	MTFA33317-250912
Sequence	FAEKFKAEAVKDYFAKFWDPAAEKLKEAVKDYFAKLWD
Dissolution condition	15%ACN+85%H2O
Modification	N/A
Molecular Weight (MW)	4474.14
Storage	-20°C

Test Items	Specifications	Results
MW by MS	4473.60	Conforms
Purity by HPLC	>95%	96.489%
Peptide 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:



Sep/18/2025

Quality Assurance Department

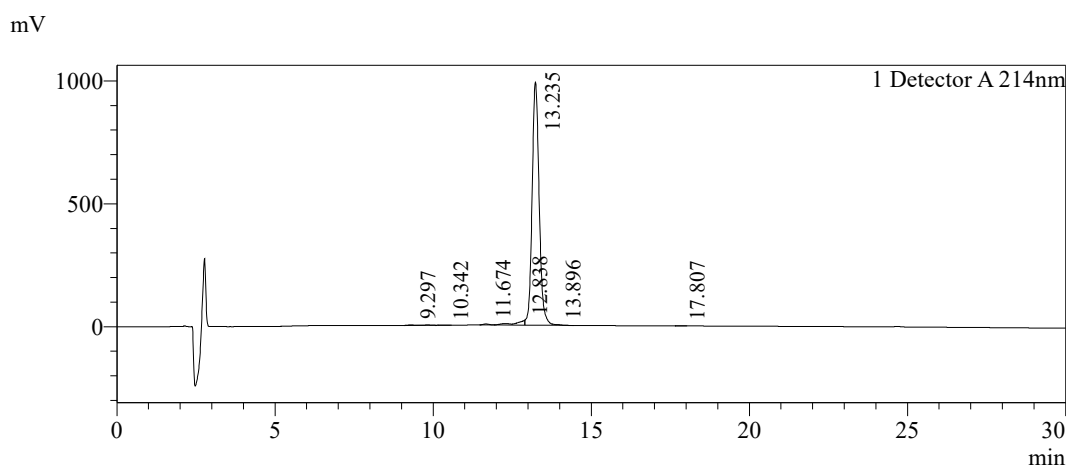


Sample Information

Order ID :MTFA33317
 Name :NSPr peptide
 Sequence :FAEKFKAEVKDYFAKFWDPAAEKLKEAVKDYFAKLWD
 Lot. No :MTFA33317-250912
 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 :15%ACN+85%H₂O
 Inj. Volume : 35ul

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	

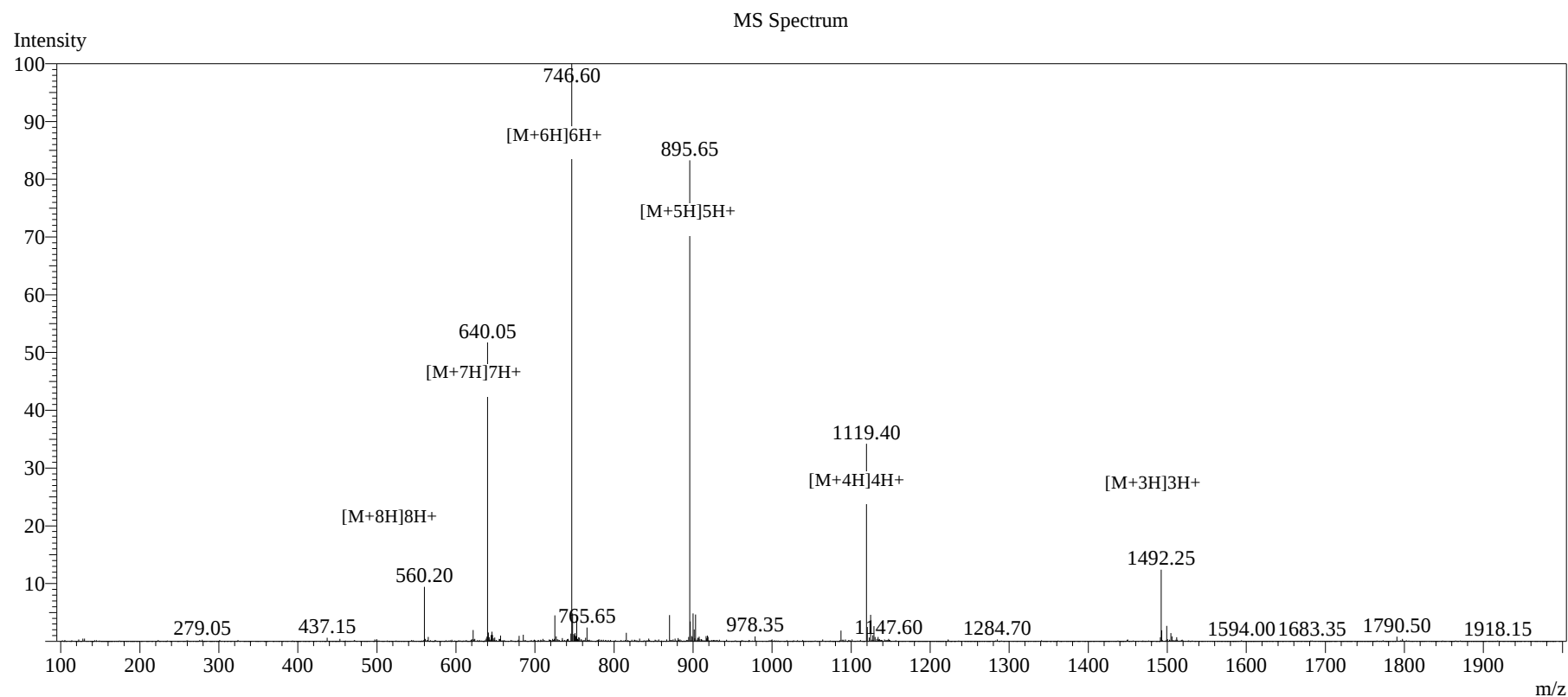
Chromatogram



Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	9.297	58160	2342	0.366
2	10.342	12977	1155	0.082
3	11.674	46907	3782	0.295
4	12.838	394757	16195	2.485
5	13.235	15327253	988336	96.489
6	13.896	37017	3174	0.233
7	17.807	7955	729	0.050
Total		15885025	1015712	100.000



Dissolution method :15%ACN+85%H₂O
 Date Acquired :2025/09/17 22:13:15
 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%MEOH

Order ID :MTFA33317
 Name :NSPr peptide
 Sequence :FAEKFKAEVKDYFAKFWDPAAEKLKEAVKDYFAKLWD
 Lot.No :MTFA33317-250912
 Theoretical :4474.14
 Observed :4473.60