
CERTIFICATE OF ANALYSIS

Product Name	GRGDS peptide, Cat.#: 319401 (TFA removed)
Lot No.	MTFA32330-1-0113
Sequence	GRGDS (Acetate Salt)
Dissolution condition	100%H ₂ O
Length	5AA
Modification	acetate salt
Molecular Weight (MW)	490.47
Storage	-20°C

Test Items	Specifications	Results
MW by MS	490.40	Conforms
Purity by HPLC	>95%	97.963%
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	10mg	5.0mg*2

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

Jan/24/2025

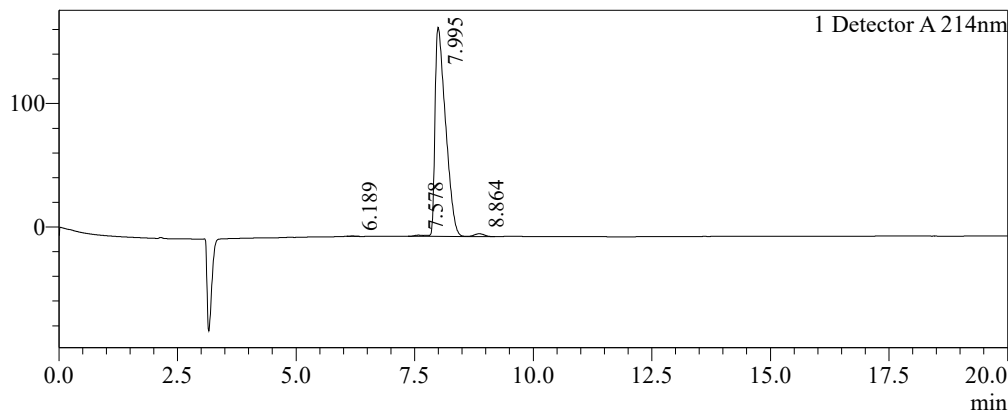


Sample Information

Order ID	:MTFA32330-1		
Name	:GRGDS peptide		
Sequence	:GRGDS (Acetate Salt)		
Lot. No	:MTFA32330-1-0113		
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	: 20ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	0.1
20.00	Pumps	B.Conc	0.1
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

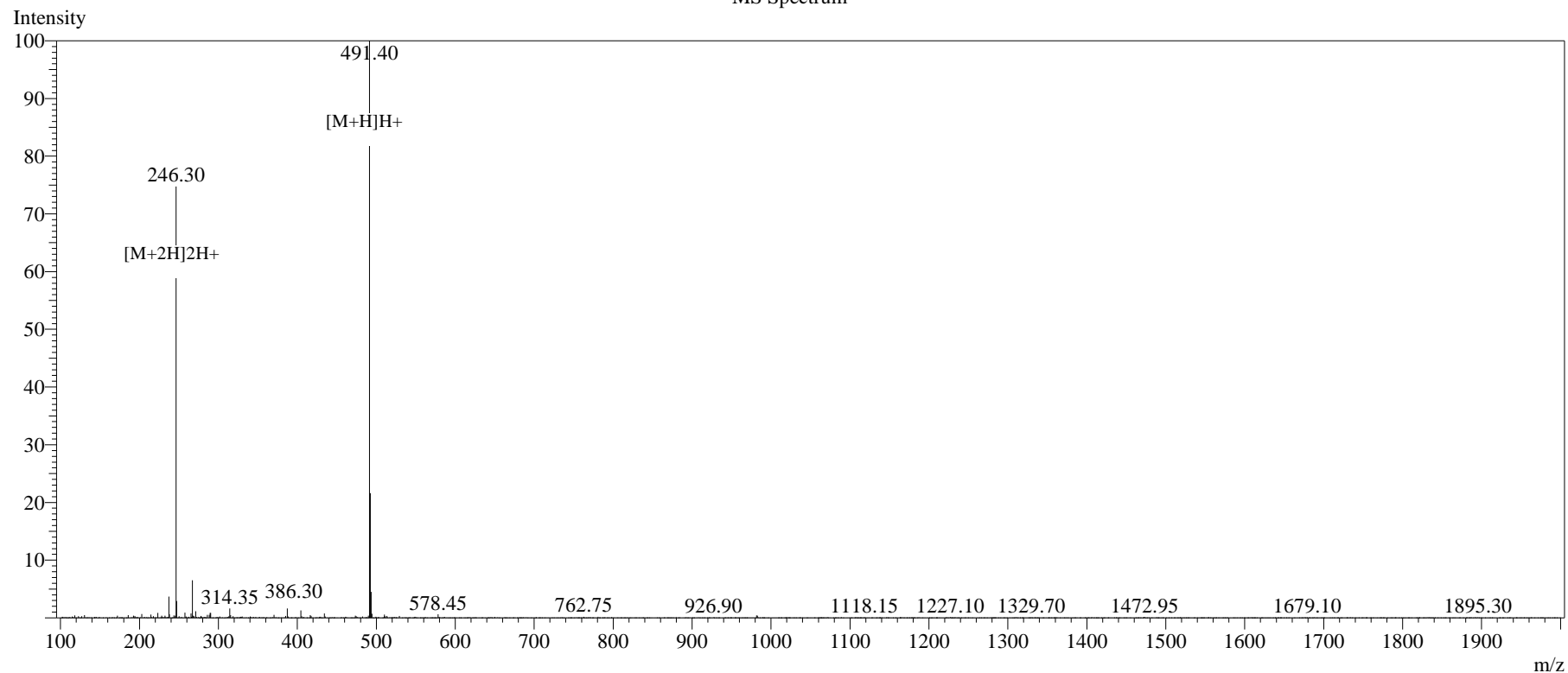


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	6.189	2075	264	0.078
2	7.578	17512	1001	0.655
3	7.995	2620269	169420	97.963
4	8.864	34908	2366	1.305
Total		2674765	173050	100.000

MS Spectrum



Sample Information

Dissolution method :15%ACN+85%H₂O
Date Acquired :2025/01/16 13:31:07
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 :MTFA32330-1
Name :GRGDS peptide
Sequence :GRGDS (Acetate Salt)
Lot.No :MTFA32330-1-0113
Theoretical :490.47
Observed :490.40