
CERTIFICATE OF ANALYSIS

Product Name	iRGD peptide, Cat.#: 319263
Lot No.	MTFA33142-250801
Sequence	C*RGDKGPDC*
Dissolution condition	100%H ₂ O
Modification	Disulfide bond
Molecular Weight (MW)	948.03
Storage	-20°C

Test Items	Specifications	Results
MW by MS	948.00	Conforms
Purity by HPLC	>95%	98.539%
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:



Aug/06/2025

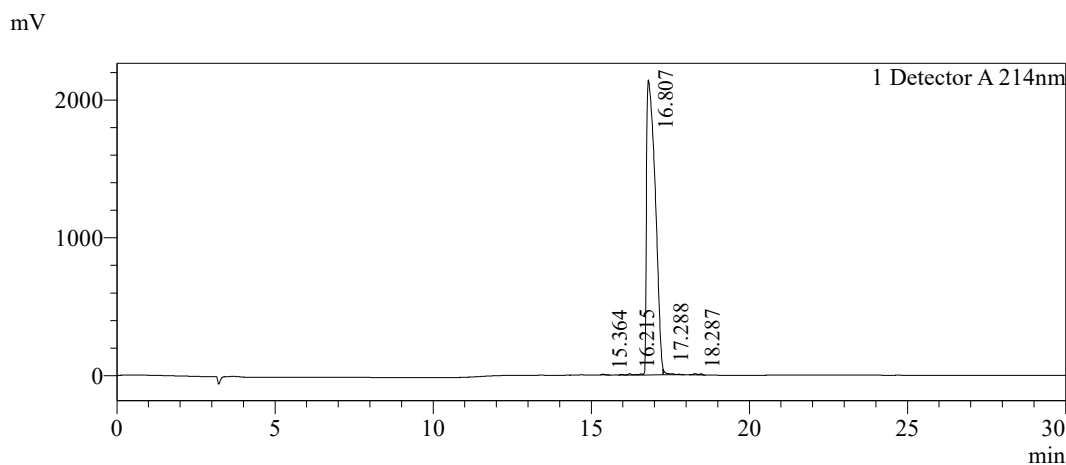
Quality Assurance Department



Sample Information

Order ID	:MTFA33142		
Name	:iRGD peptide		
Sequence	:C*RGDKGPDC*		
Lot. No	:MTFA33142-250801		
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	: 15ul		
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

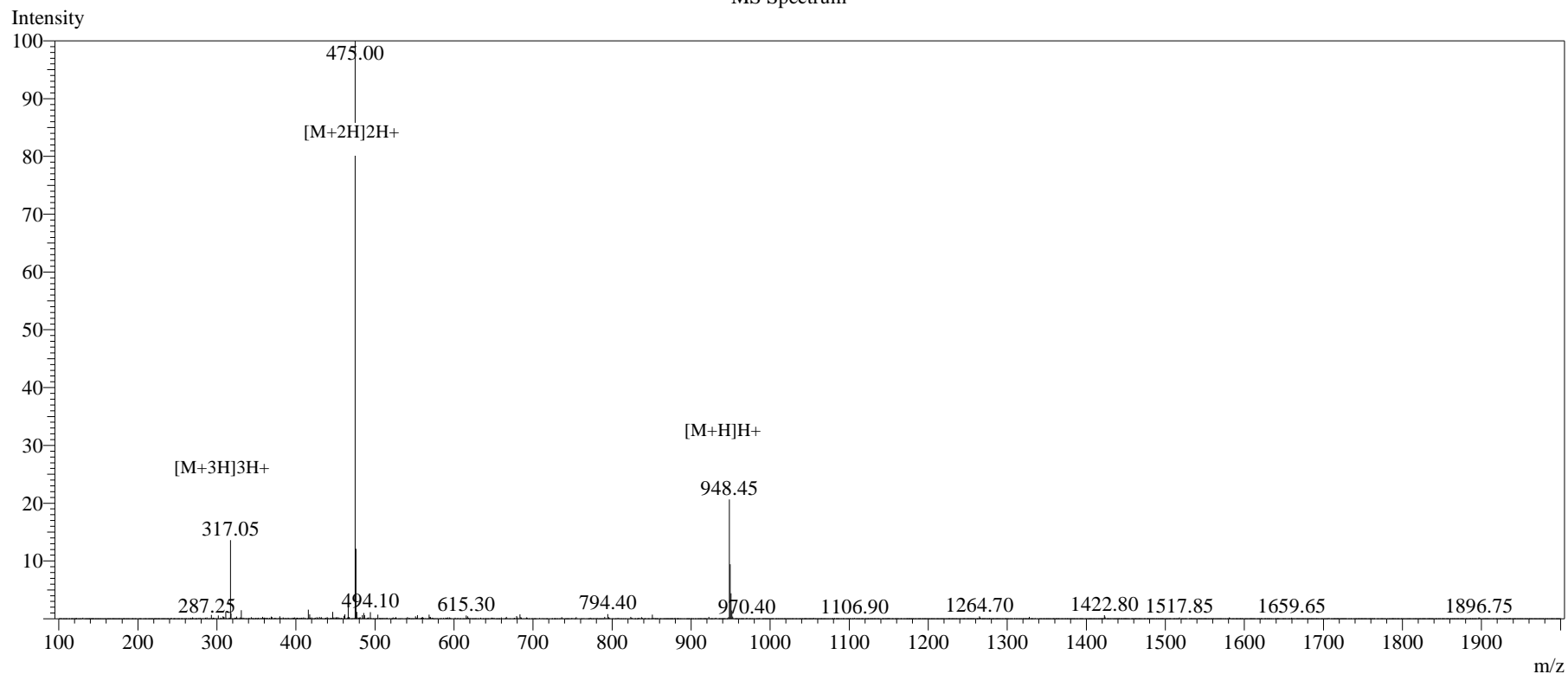


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	15.364	28914	4855	0.070
2	16.215	152611	9631	0.367
3	16.807	40988543	2139154	98.539
4	17.288	296317	36764	0.712
5	18.287	129920	8974	0.312
Total		41596305	2199378	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/08/01 15:28:28	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	:MTFA33142				
Name	:iRGD peptide				
Sequence	:C*RGDKGPDC* (disulfide cyclic)				
Lot.No	:MTFA33142-250801				
Theoretical	:948.03				
Observed	:948.00				