
CERTIFICATE OF ANALYSIS

Product Name	Lf(28-34)/RKVRGPP-NH2 peptide, Cat.#: 319570
Lot No.	MTFA32359-0120
Sequence	RKVRGPP-NH2
Dissolution condition	100%H2O
Length	7AA
Modification	N/A
Molecular Weight (MW)	807.98
Storage	-20°C

Test Items	Specifications	Results
MW by MS	808.35	Conforms
Purity by HPLC	>95%	99.188%
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	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:



Quality Assurance Department

Jan/23/2025

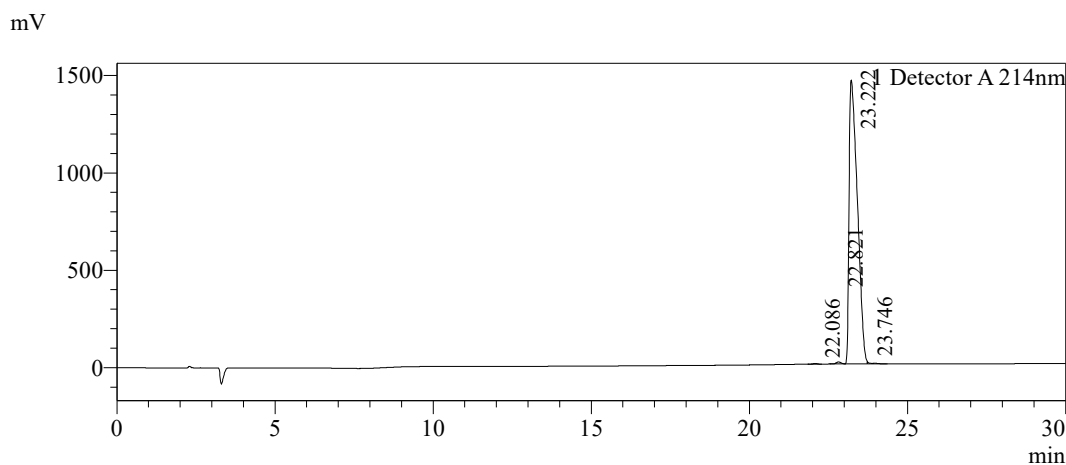


Sample Information

Order ID :MTFA32359
 Name :Lf(28-34)/RKVRGPP-NH2 peptide
 Sequence :RKVRGPP-NH2
 Lot. No :MTFA32359-0120
 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	5
30.00	Pumps	B.Conc	35
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	5
50.00	Controller	Stop	

Chromatogram

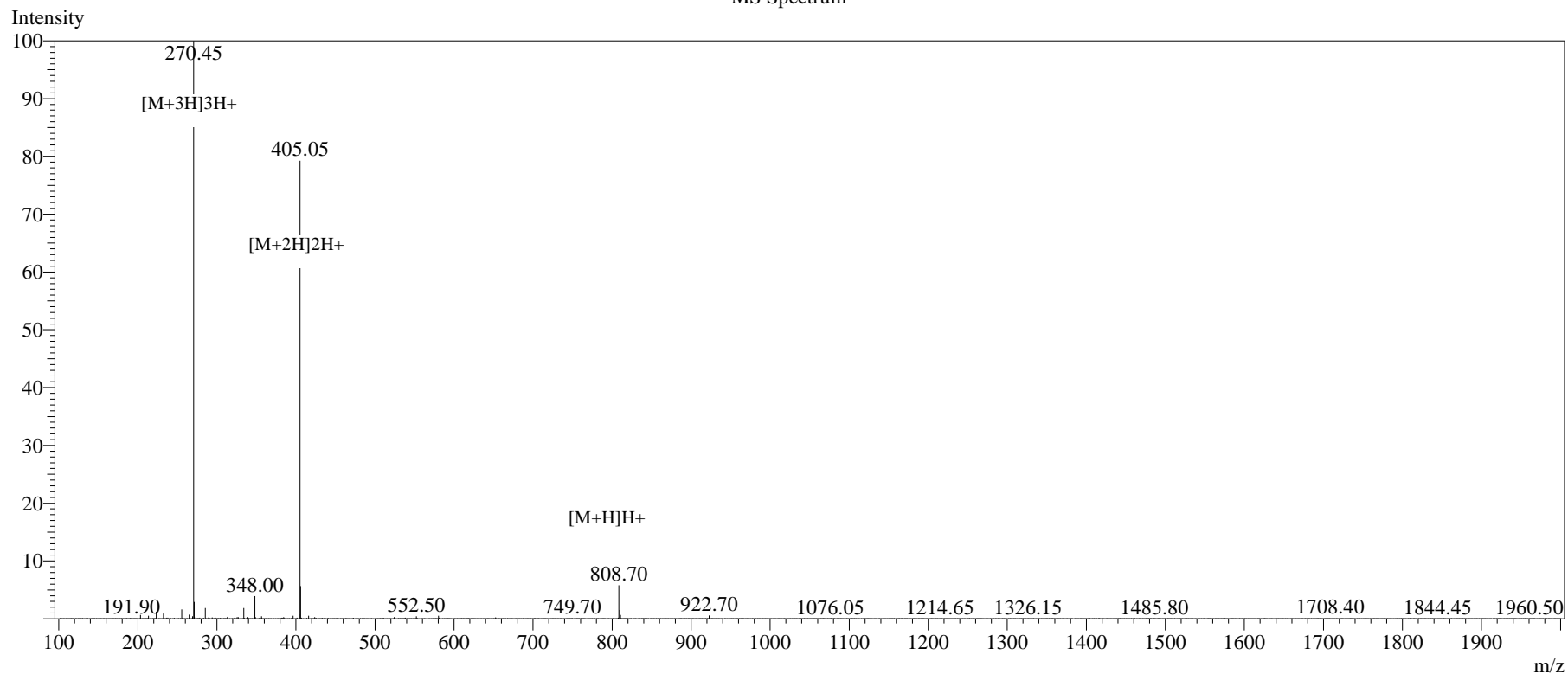


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	22.086	39285	4133	0.146
2	22.821	106621	10417	0.397
3	23.222	26621362	1456657	99.188
4	23.746	72098	9109	0.269
Total		26839366	1480316	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/01/22 14:39:21	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

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Sequence	:RKVRGPP-NH ₂
Lot.No	:MTFA32359-0120
Theoretical	:807.98
Observed	:808.35