

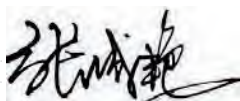
CERTIFICATE OF ANALYSIS

Product Name	IL-4R Targeting Peptide, Cat.#: 318894
Lot No.	MTFA33419-01
Sequence	CRKRLDRNC
Dissolution condition	100%H ₂ O
Length	9AA
Modification	N/A
Molecular Weight (MW)	1163.37
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1163.25	Conforms
Purity by HPLC	>95%	97.946%
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	30mg	5.0mg*6

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

Oct/10/2025

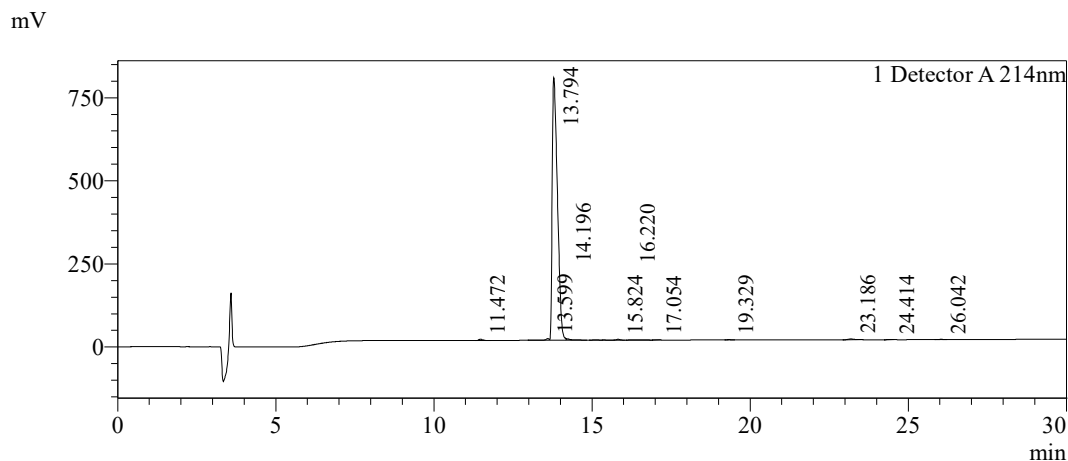


Sample Information

Order ID :MTFA33419-01
Name :IL-4R Targeting Peptide
Sequence :CRKRLDRNC
Lot. No :MTFA33419-01
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	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

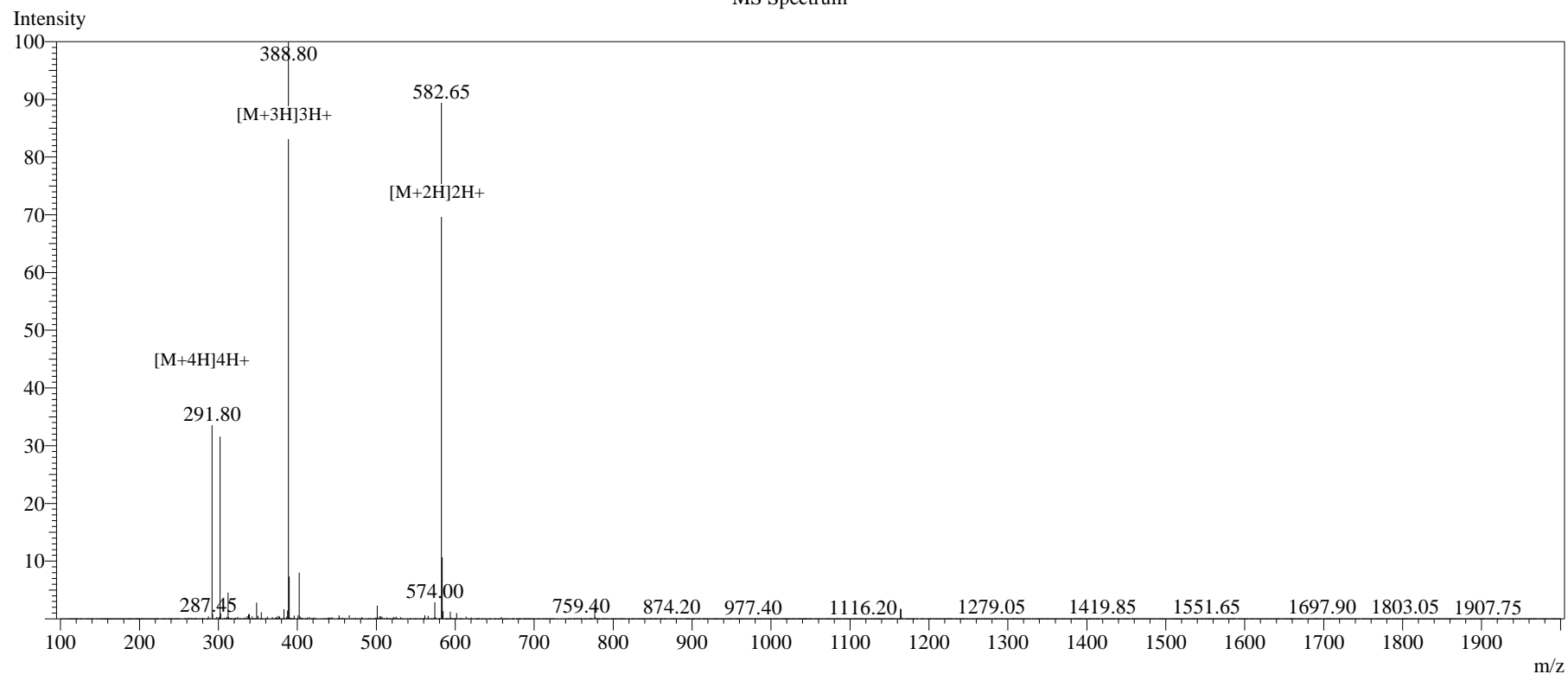


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	11.472	32367	4285	0.349
2	13.599	40688	5013	0.439
3	13.794	9080524	789632	97.946
4	14.196	39581	4587	0.427
5	15.824	25012	2559	0.270
6	16.220	4163	232	0.045
7	17.054	901	118	0.010
8	19.329	6417	981	0.069
9	23.186	32906	2304	0.355
10	24.414	2521	276	0.027
11	26.042	5868	679	0.063
Total		9270948	810666	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/10/09 15:51:08	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% ME OH

Order ID	:MTFA33419-01
Name	:IL-4R Targeting Peptide
Sequence	:CRKRLDRNC
Lot.No	:MTFA33419-01
Theoretical	:1163.37
Observed	:1163.40