

CERTIFICATE OF ANALYSIS

Product Name	IL13R α 2 D1 peptide ,Cat.#: 319419
Lot No.	MTFA31743-0822
Sequence	GSETWKTITKN
Dissolution condition	100%H ₂ O
Length	12AA
Modification	N/A
Molecular Weight (MW)	1377.56
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1377.45	Conforms
Purity by HPLC	>95%	95.007%
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

Sep/06/2024

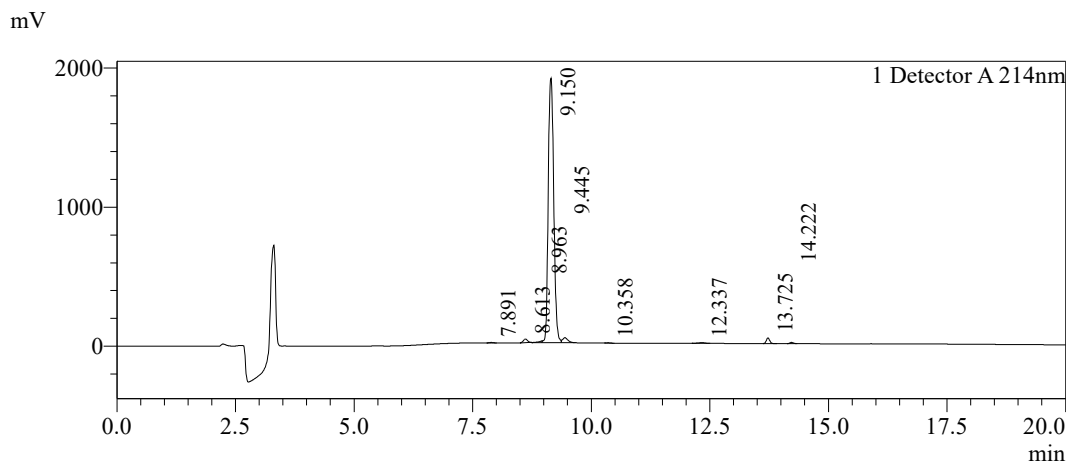


Sample Information

Order ID :MTFA31743
 Name :IL13R α 2 D1 peptide
 Sequence :GSETWKTITTKN
 Lot. No :MTFA31743-0822
 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 μ m)
 Dissolution method :100%H₂O
 Inj. Volume : 35ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	20
20.00	Pumps	B.Conc	40
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	20
50.00	Controller	Stop	

Chromatogram

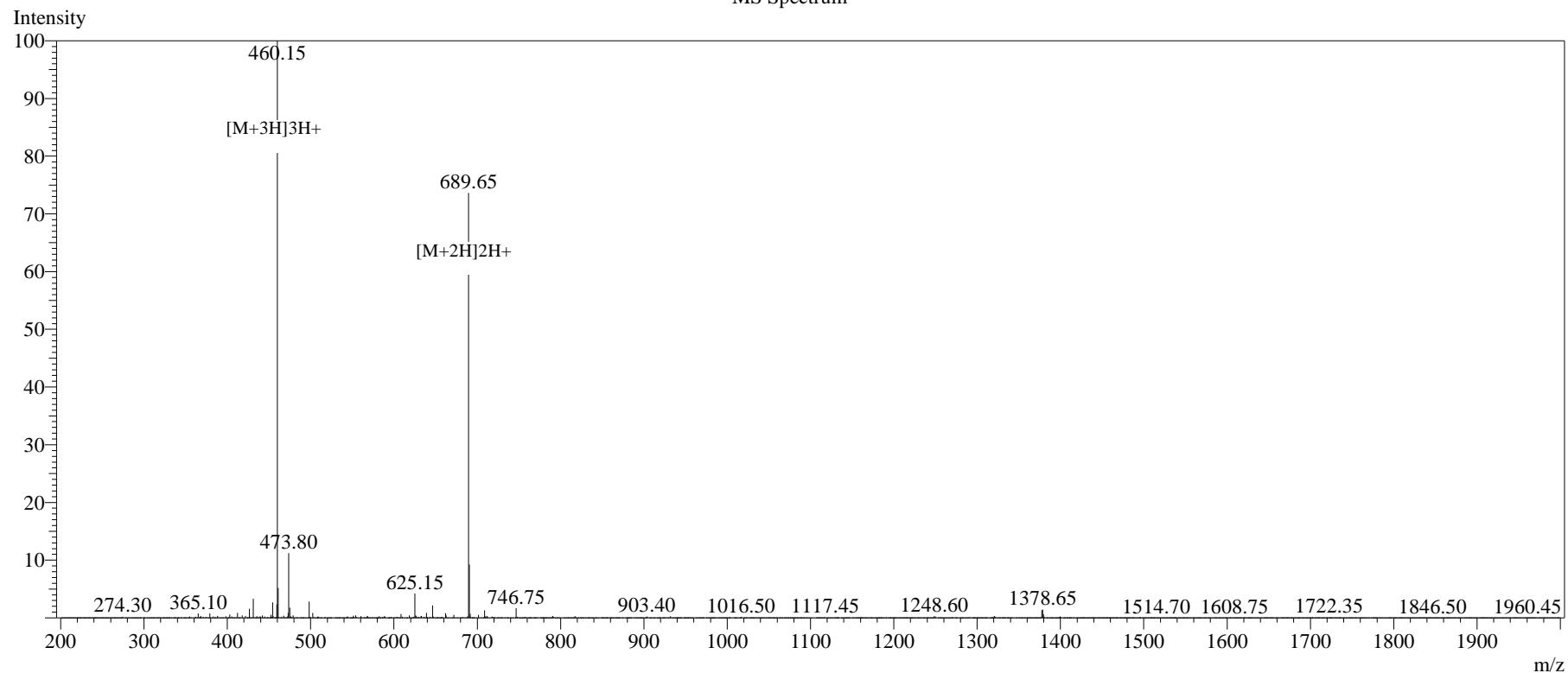


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	7.891	14653	2996	0.091
2	8.613	155661	26108	0.966
3	8.963	60349	11975	0.375
4	9.150	15304377	1899383	95.007
5	9.445	272303	36030	1.690
6	10.358	11444	2554	0.071
7	12.337	49325	4840	0.306
8	13.725	200291	40639	1.243
9	14.222	40326	8407	0.250
Total		16108729	2032933	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/09/05 13:45:23	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	:MTFA31743
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Sequence	:GSETWKTIIITKN
Lot.No	:MTFA31743-0822
Theoretical	:1377.56
Observed	:1377.45