


CERTIFICATE OF ANALYSIS

Product Name	Hyaluronan Inhibitor(PEP-1) peptide, Cat.#: 319141
Lot No.	MTFA30296-0719
Sequence	GAHWQFNALTVR
Dissolution condition	30%ACN+70%H2O
Length	12AA
Modification	N/A
Molecular Weight (MW)	1399.56
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1398.70	Conforms
Purity by HPLC	>95%	95.758%
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	120mg	5.0mg*24

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

Aug/11/2023

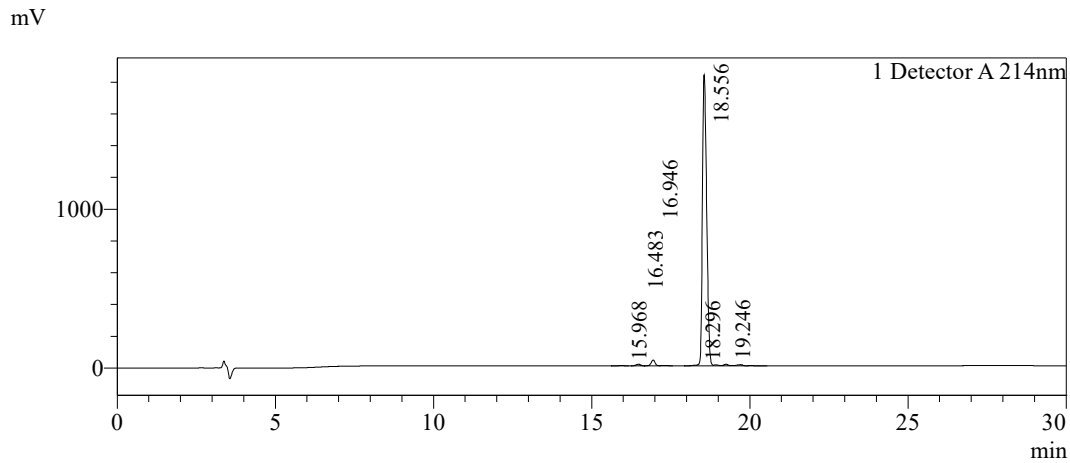


Sample Information

Order ID :MTFA30296
 Name :Hyaluronan Inhibitor(PEP-1) peptide, Cat.#: 319141
 Sequence :GAHWQFNALTVR
 Lot. No :MTFA30296-0719
 Pump A :0.1%Trifluoroacetic in 100% water
 Pump B :0.1%Trifluoroacetic in 100%
 Total Flow acetonitrile :1ml/min
 Wavelength :214nm
 Analytical column type :Shim-pack GIST C18(4.6*250mm*5um)
 Dissolution method :30%ACN+70%H2O
 Inj. Volume : 10ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	15
30.00	Pumps	B.Conc	45
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	15
50.00	Controller	Stop	

Chromatogram



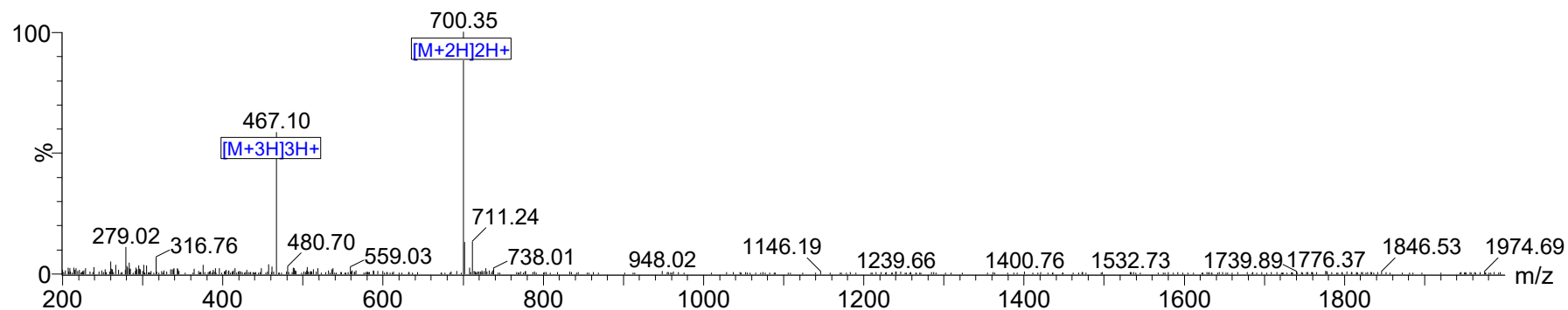
Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	15.968	21246	1455	0.119
2	16.483	91120	9532	0.511
3	16.946	334627	36170	1.877
4	18.296	32574	3459	0.183
5	18.556	17074035	1830889	95.758
6	19.246	276876	10321	1.553
Total		17830477	1891826	100.000

MS Spectrum

Intensity



Dissolution method	:30%ACN+70%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:8/10/2023 5:19:46	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Injection Volume	:0.2ul	CDL Temp	:250C	T.Flow	:0.2ml/min
Block Temp	:200	CDL Volt	:0v	B.conc	:50%H2O/50%MEOH

Order ID	: MTF A30296
Name	: Hyaluronan Inhibitor(PEP-1) peptide, Cat.#: 319141
Sequence	: GAHWQFNALTVR
Lot.No	: MTF A30296-0719
Theoretical	: 1399.56
Observed	: 1398.70