

CERTIFICATE OF ANALYSIS

Product Name	Spexin peptide, Cat.#: 302592
Lot No.	MTFA30154-0515
Sequence	NWTPQAMLYLKGAQ-NH2
Dissolution condition	100%H2O
Length	14AA
Modification	N/A
Molecular Weight (MW)	1619.88
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1619.48	Conforms
Purity by HPLC	>95%	96.087%
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	50mg	5.0mg*10

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

June/06/2023

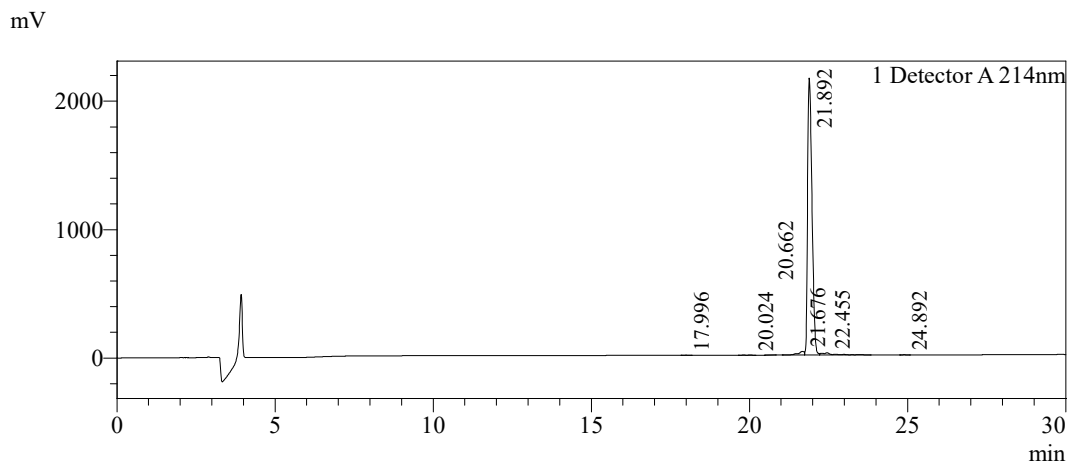


Sample Information

Order ID :MTFA30154
 Name :Spexin peptide
 Sequence :NWTPQAMLYLKGAQ-NH2
 Lot. No :MTFA30154-0515
 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 :Shim-pack GIST C18(4.6*250mm*5um)
 Dissolution method :100%H2O
 Inj. Volume : 25ul

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

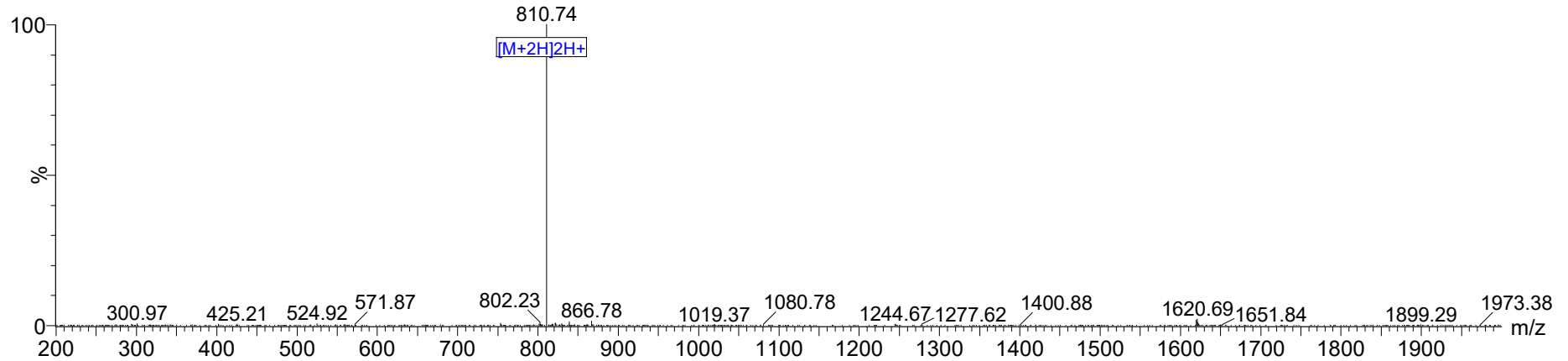


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	17.996	10367	1376	0.048
2	20.024	10912	747	0.050
3	20.662	8271	843	0.038
4	21.676	385698	28708	1.776
5	21.892	20863135	2156093	96.087
6	22.455	426297	17038	1.963
7	24.892	8099	1019	0.037
Total		21712779	2205824	100.000

MS Spectrum

 Positive
Intensity


Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:6/4/2023 4:02:42 PM	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 A30154
Name	: Spexin peptide
Sequence	: NWTPQAMLYLKGAQ-NH2
Lot.No	: MTF A30154-0515
Theoretical	: 1619.88
Observed	: 1619.48