

## CERTIFICATE OF ANALYSIS

Product Name	Spexin peptide, Cat.#: 302592
Lot No.	MTFA31374-0517
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	1619.90	Conforms
Purity by HPLC	>95%	96.624%
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

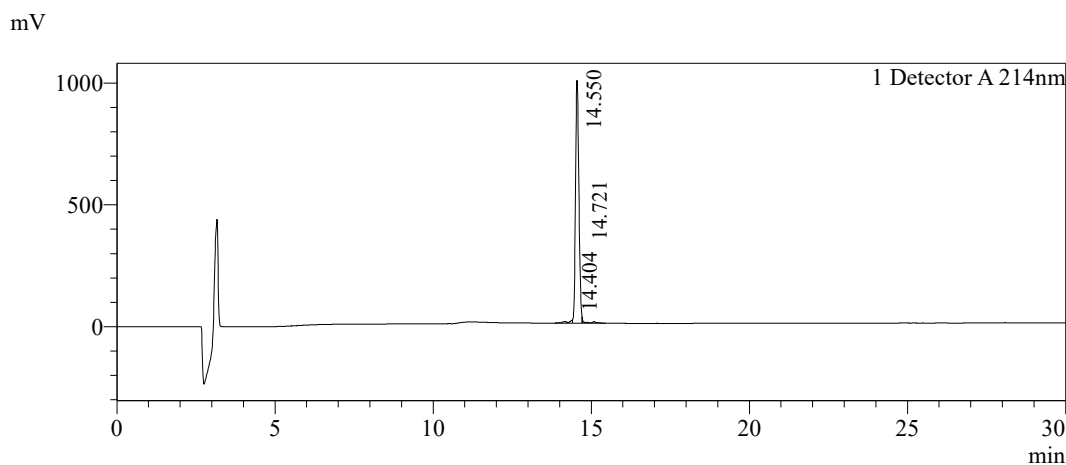
May/22/2024



### Sample Information

Order ID	:MTFA31374		
Name	:Spexin peptide		
Sequence	:NWTPQAMLYLKGAQ-NH2		
Lot. No	:MTFA31374-0517		
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	20
30.00	Pumps	B.Conc	50
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	20
50.00	Controller	Stop	

### Chromatogram

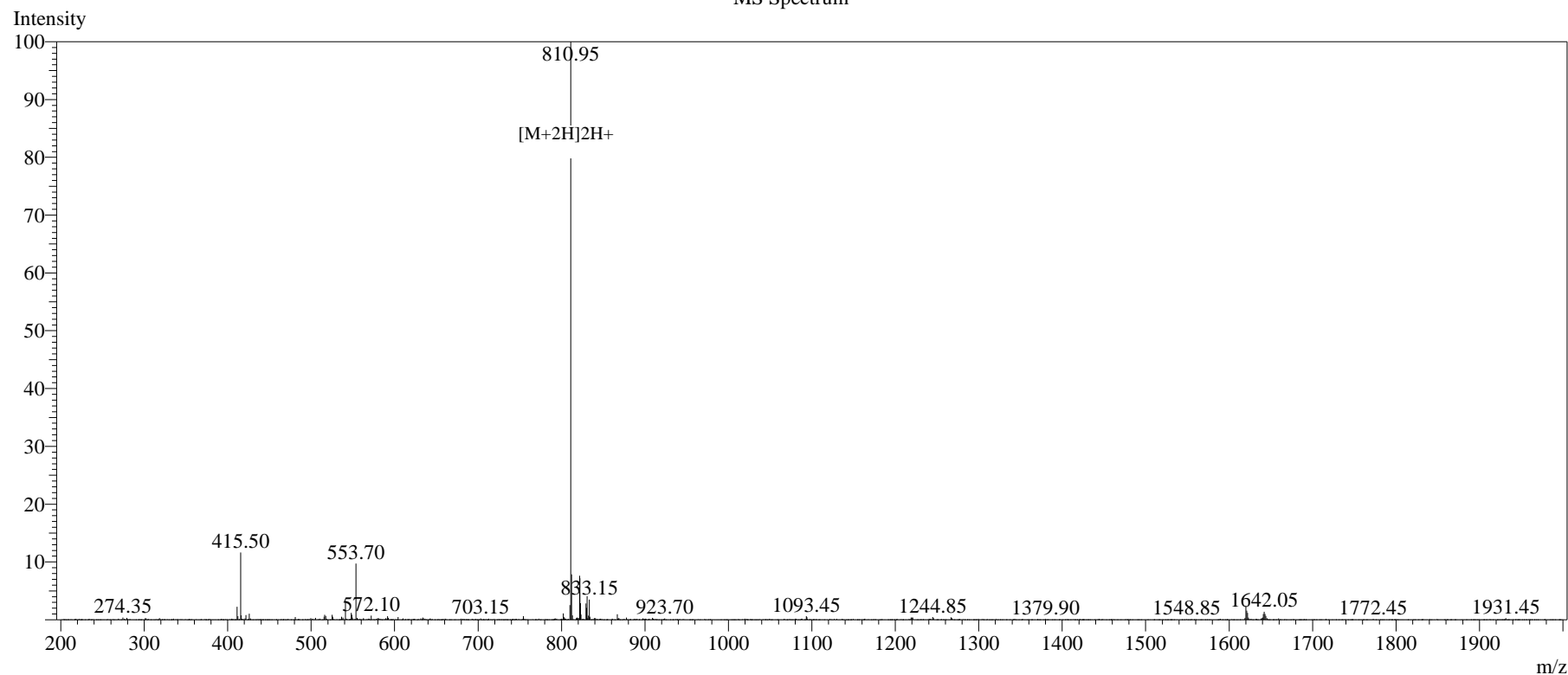


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	14.404	136851	12975	1.792
2	14.550	7380812	996875	96.624
3	14.721	120994	18999	1.584
Total		7638657	1028849	100.000

# MS Spectrum



## Sample Information

Dissolution method	:15% ACN+85% H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/05/20 13:29:08	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 <sub>2</sub> O/50% ME OH
Order ID	:MTFA31374				
Name	:Spexin peptide				
Sequence	:NWTPQAMLYLKGAQ-NH <sub>2</sub>				
Lot.No	:MTFA31374-0517				
Theoretical	:1619.88				
Observed	:1619.90				