For Enjoyable Discovery

CERTIFICATE OF ANALYSIS

Product Name	Short neuropeptide F, Cat.#: 317818
Lot No.	MTFB21281-261110
Sequence	SDPHLSILSKPMSAIPSYKFDD
Dissolution condition	100%H2O
Modification	N/A
Molecular Weight (MW)	2448.72
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2448.45	Conforms
Purity by HPLC	>95%	95.129%
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	10.0mg	5.0mg*2

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

Nov/11/2026

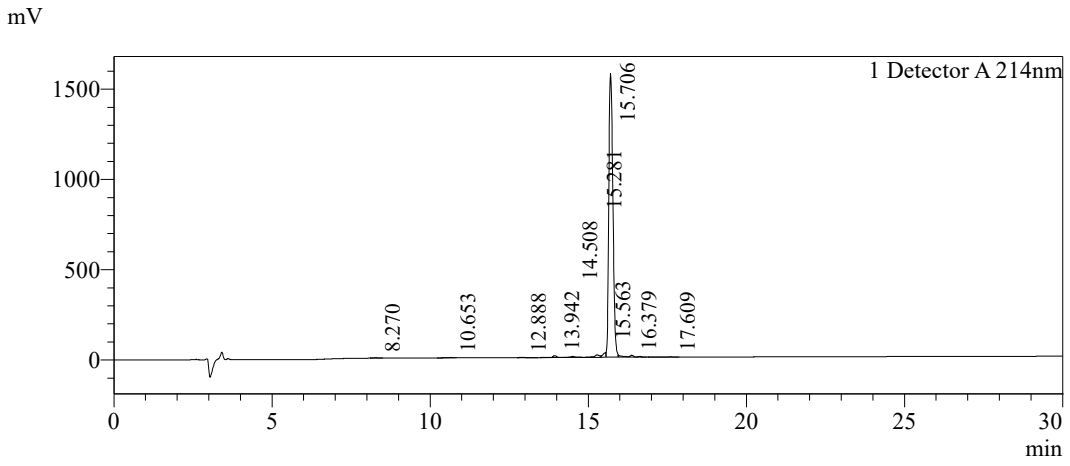
NovoPro Biosciences Inc. VERIFIED Quality Control

Sample Information

Order ID	:MTFB21281
Name	:Short neuropeptide F, Cat.#: 317818
Sequence	:SDPHLSILSKPMSAIPSYKFDD
Lot. No	:MTFB21281-261110
Pump A	:0.1%Trifluoroacetic in 100% water
Pump B	:0.1%Trifluoroacetic in 100% acetonitrile
Total Flow	:1ml/min
Wavelength	:214nm
Analytial column type	:Kromasil 100-5-C18 (4.6*250mm*5 μm)
Dissolution method	:100%H2O
Inj. Volume	: 25ul

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

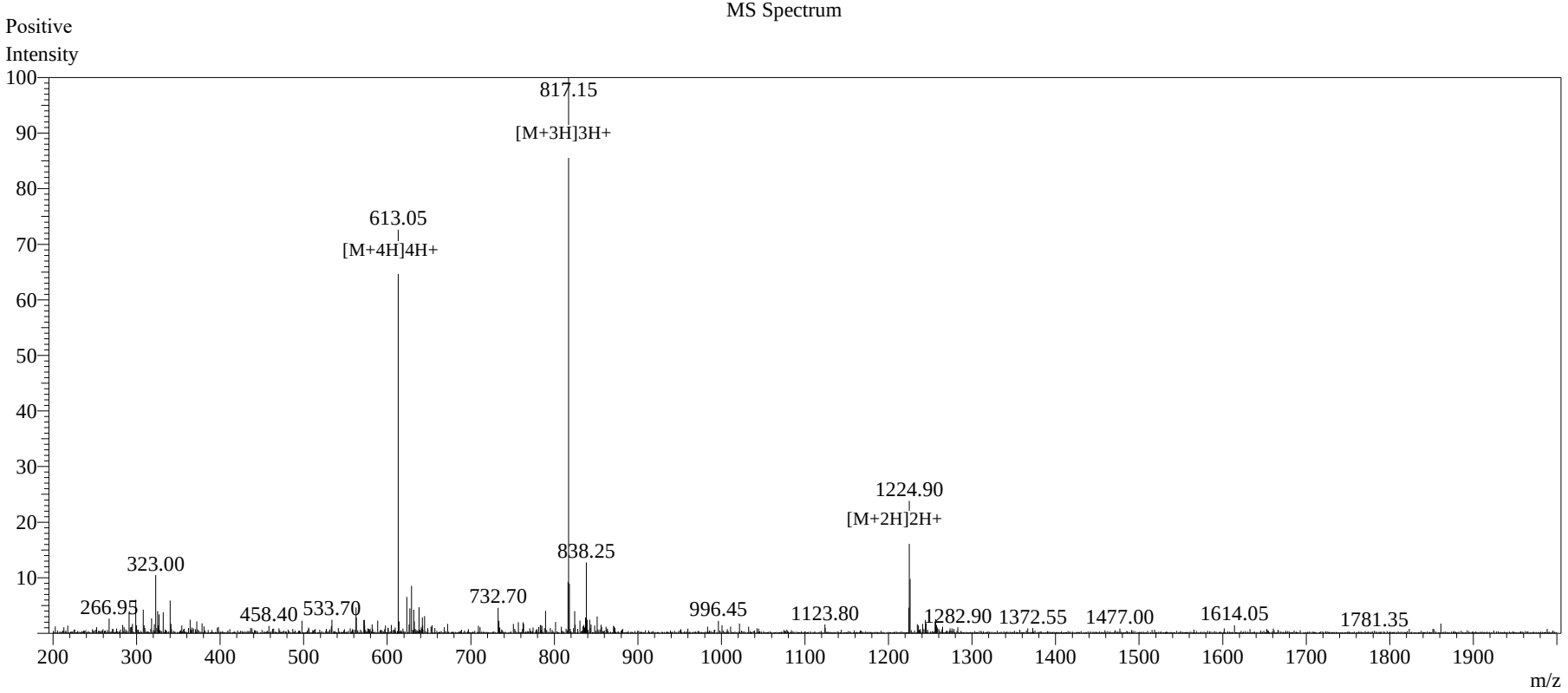


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	8.270	17044	2056	0.115
2	10.653	16124	1829	0.108
3	12.888	16525	1910	0.111
4	13.942	73274	10136	0.492
5	14.508	58999	5058	0.396
6	15.281	144112	12846	0.968
7	15.563	174050	24083	1.170
8	15.706	14155407	1571392	95.129
9	16.379	206393	10537	1.387
10	17.609	18219	1609	0.122
Total		14880146	1641456	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/11/10 13:43:43	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Injection Volume	:0.2ul	CDL Temp	:250℃	T.Flow	:0.2ml/min
Block Temp	:200	CDL Volt	:0v	B.conc	:50%H2O/50%MEOH

Order ID	:MTFB21281
Name	:Short neuropeptide F, Cat.#: 317818
Sequence	:SDPHLSILSKPMSAIPSYKFDD
Lot.No	:MTFB21281-261109
Theoretical	:2448.72
Observed	:2448.45