

## CERTIFICATE OF ANALYSIS

### Product Information

<b>Product Name:</b>	Cagrilintide
<b>Lot No.:</b>	VI9720250526-10
<b>Sequence:</b>	Eicossandioic acid- $\gamma$ Glu-Lys-Cys-Asn-Thr-Ala-Thr-Cys-Ala-Thr-Gln-Arg-Leu-Ala-Glu-Phe-Leu-Arg-His-Ser-Ser-Asn-Asn-Phe-Gly-Pro-Ile-Leu-Pro-Pro-Thr-Asn-Val-Gly-Ser-Asn-Thr-Pro
<b>Modifications:</b>	C-Terminal Amide, disulfide bridge:Cys4-Cys9

### Quality Control

Test Items	Specifications	Results
<b>Appearance</b>	White to off-white lyophilized powder	White to off-white lyophilized powder (Conforms)
<b>Molecular Weight (MS)</b>	4409.13 $\pm$ 1.0 Da	4408.60 Da
<b>Purity by HPLC</b>	>98%	99.2%
<b>Retention Time (HPLC)</b>	$\pm$ 0.2min of Standard	Conforms
<b>Assay</b>	80.0%~ 120.0%	108.9%
<b>Solubility</b>	10 mg/1ml H <sub>2</sub> O	Clearly soluble
<b>Acetic acid content</b>	$\leq$ 7.0%	4.2%
<b>TFA Content</b>	$\leq$ 0.500%	Conforms
<b>DCM Content</b>	$\leq$ 0.060%	N.D.
<b>DMF Content</b>	$\leq$ 0.088%	N.D.
<b>Total Aerobic Count</b>	$\leq$ 100CFU/g	Conforms
<b>Yeast &amp; Molds Count</b>	$\leq$ 100CFU/g	Conforms
<b>Endotoxins</b>	$\leq$ 0.5EU/mg	Conforms

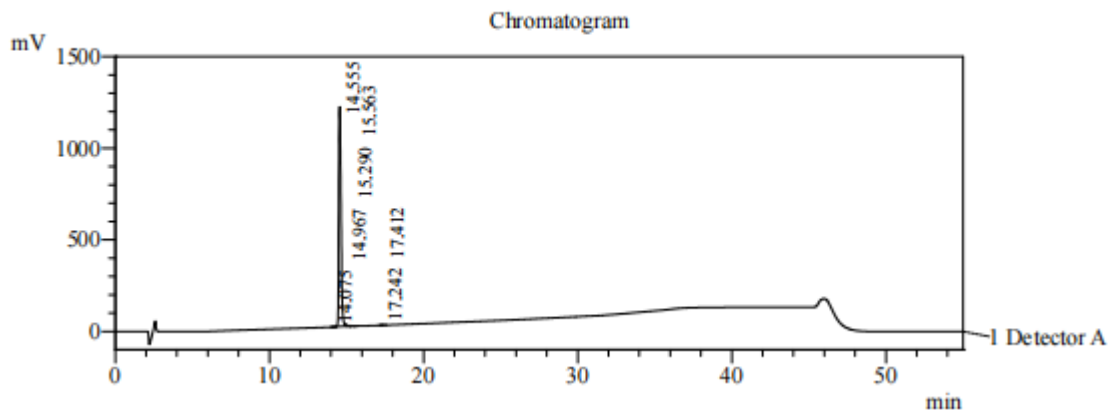
**Storage Conditions:** -20°C.

Date of Mfg: 26 Mar 2026

Sample Information

Lot. No	VI9720250526-10
Pump A	0.1% trifluoroacetic in 100% water
Pump B	0.1% trifluoroacetic in 100% acetonitrile
Total Flow	0.8ml/min
Wavelength	220nm
Analytical column type	Phenomenex Luna 3um C18 (2) (4.6*150mm*3um)
Dissolution method	100%H <sub>2</sub> O
Acquisition Time	2026/3/30 15:19:44
Inj. Volume	20ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	30
25.00	Pumps	B.Conc	75
30.00	Pumps	B.Conc	90
40.00	Pumps	B.Conc	90
41.00	Pumps	B.Conc	30
55.00	Controller	Stop	

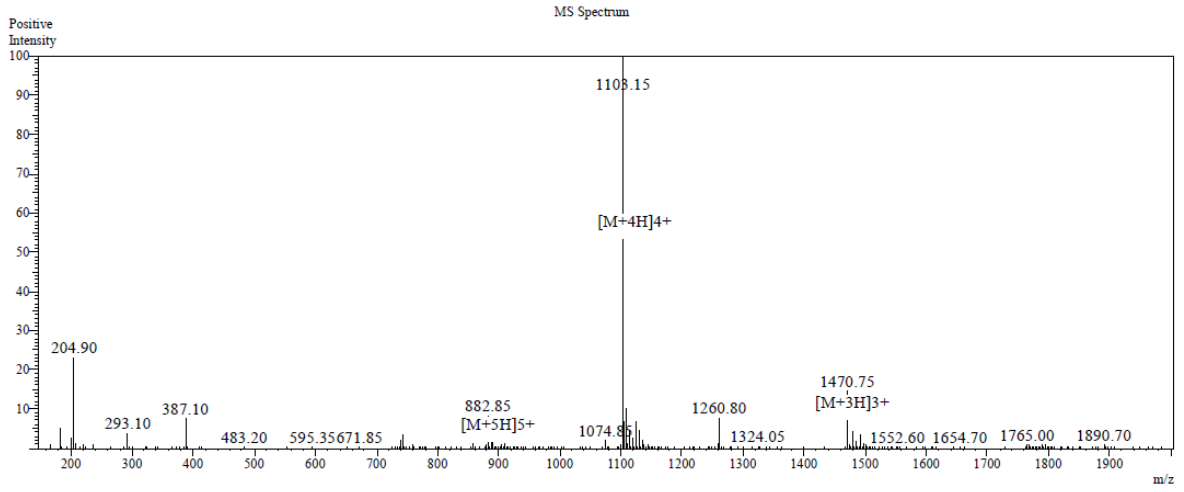


I Detector A / 220nm

PeakTable

Detector A 220nm

Peak#	Ret. Time	Area	Height	Area %
1	14.075	1929	382	0.016
2	14.555	11794120	1199717	99.247
3	14.967	59349	8182	0.499
4	15.290	12535	1850	0.105
5	15.563	5501	1018	0.046
6	17.242	5403	677	0.045
7	17.412	4708	583	0.040
Total		11883545	1212409	100.000



Lot No.	VI9720250526-10
Theoretical	4409.13
Observed	4408.60