

Client: Platinum Lion Peptides
info@platinumlionpeptides.com

Sample received: **03/12/26**
Analysis conducted: **03/12/26**

Compound:	Retatrutide/Cagrilintide	CAS:	2381089-83-2
Batch/Lot #:	RTCAG12.5-1001	Formula:	C221H342N46O68
Appearance:	White lyophilized powder	Mol Wt:	4731 g/mol

Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

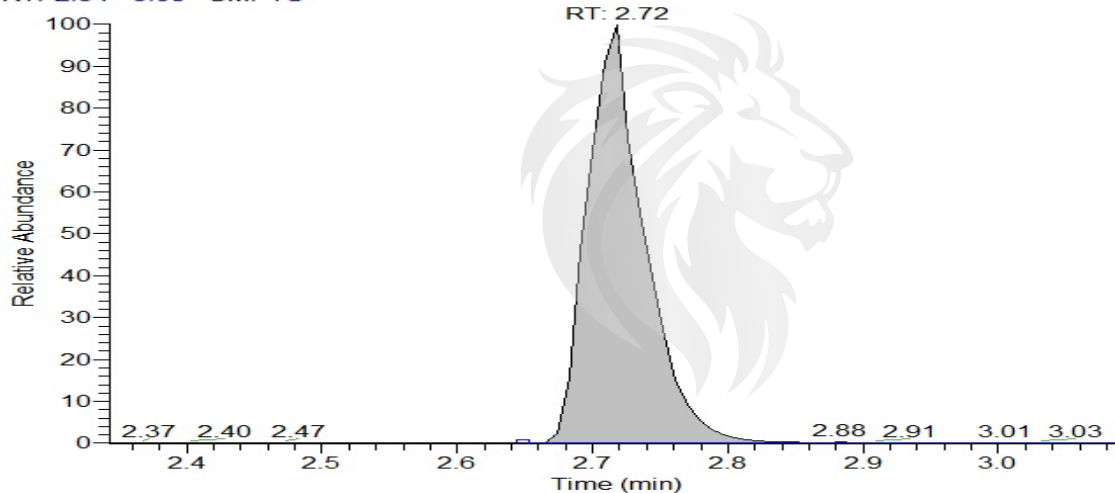
Pubchem CID: 171390338

Retatrutide | C221H342N46O68 | Pubchem CID 171390338

	Specification	Result	
Identity Test:	Retatrutide	Retatrutide	Conforms
Quantity:	10 mg	12.8 mg	Over-Conforming
Purity:	>99%	99.93%	Conforms

LC-MS Chromatogram: Retention Time and Peak Analysis

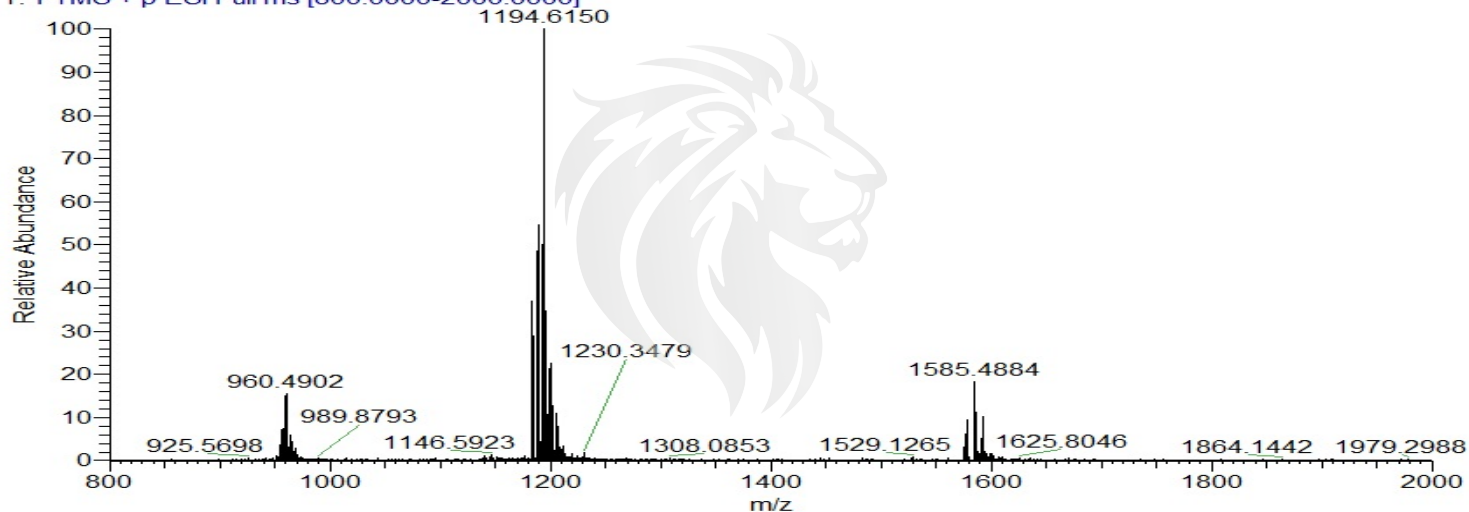
RT: 2.34 - 3.09 SM: 1G



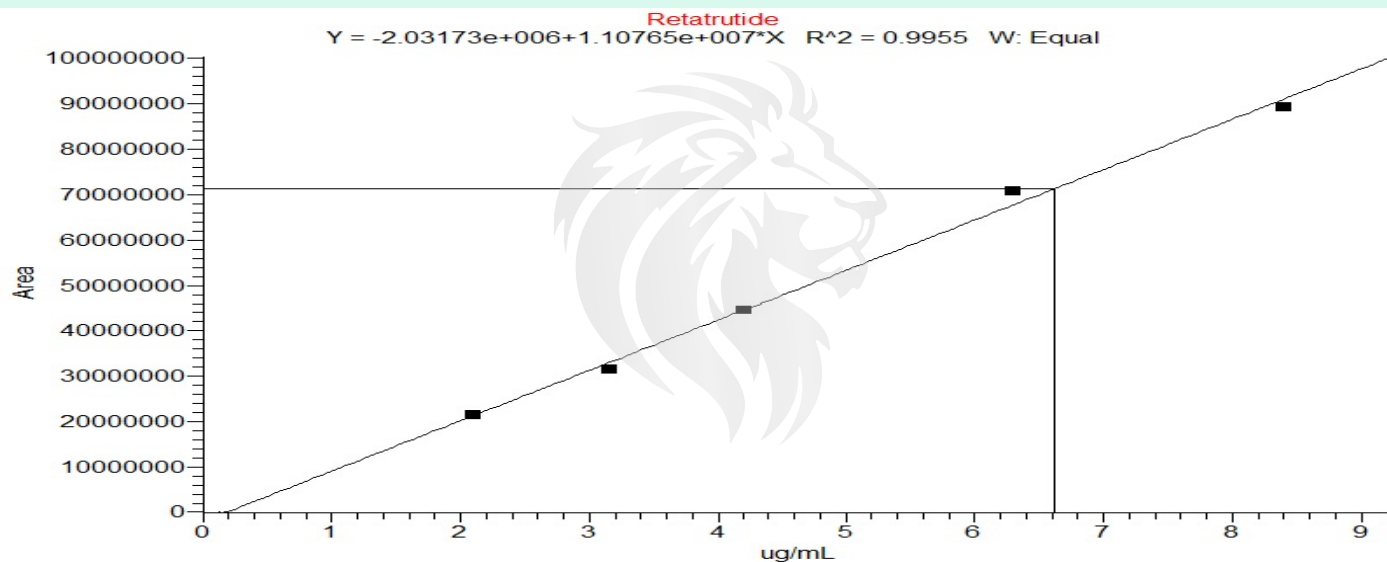
NL: 2.34E7
m/z= 1194.6108-1194.6228
F: FTMS + p ESI Full ms
[800.0000-2000.0000] MS
ICIS
Syntera-Retatrutide-10mg-03

Full Scan Mass Spectrometry Analysis

Syntera-Retatrutide-10mg-03 #312 RT: 2.72 AV: 1 NL: 2.30E7
T: FTMS + p ESI Full ms [800.0000-2000.0000]



Calibration Curve



Analysis Performed by

Dr. Roberto Marin
Analytical Chemist
contact@bioregen.com

COA #12496
Security Key **PLPEPTIDES01**
bioregen.com/verify

Roberto Marin



Client: Platinum Lion Peptides
 info@platinumlionpeptides.com

 Sample received: **03/12/26**
 Analysis conducted: **03/12/26**

Compound:	Retatrutide/Cagrilintide	CAS:	1415456-99-3
Batch/Lot #:	RTCAG12.5-1001	Formula:	C194H312N54O59S2
Appearance:	White lyophilized powder	Mol Wt:	4409 g/mol

Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

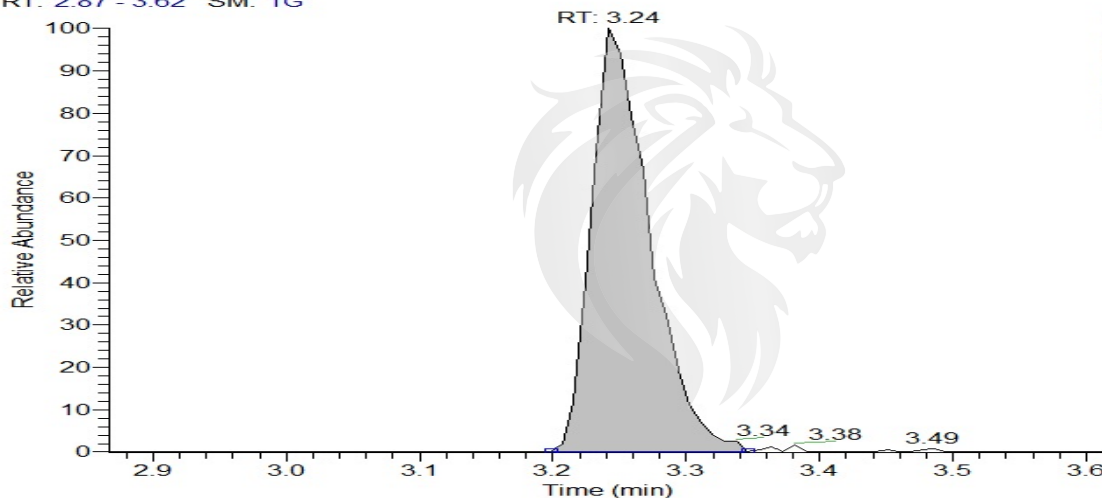
Pubchem CID: 171397054

[Cagrilintide](#) | C194H312N54O59S2 | Pub Chem CID 171397054

	Specification	Result	
Identity Test:	Cagrilintide	Cagrilintide	Conforms
Quantity:	2.5 mg	3.51 mg	Over-Conforming
Purity:	>99%	99.55%	Conforms

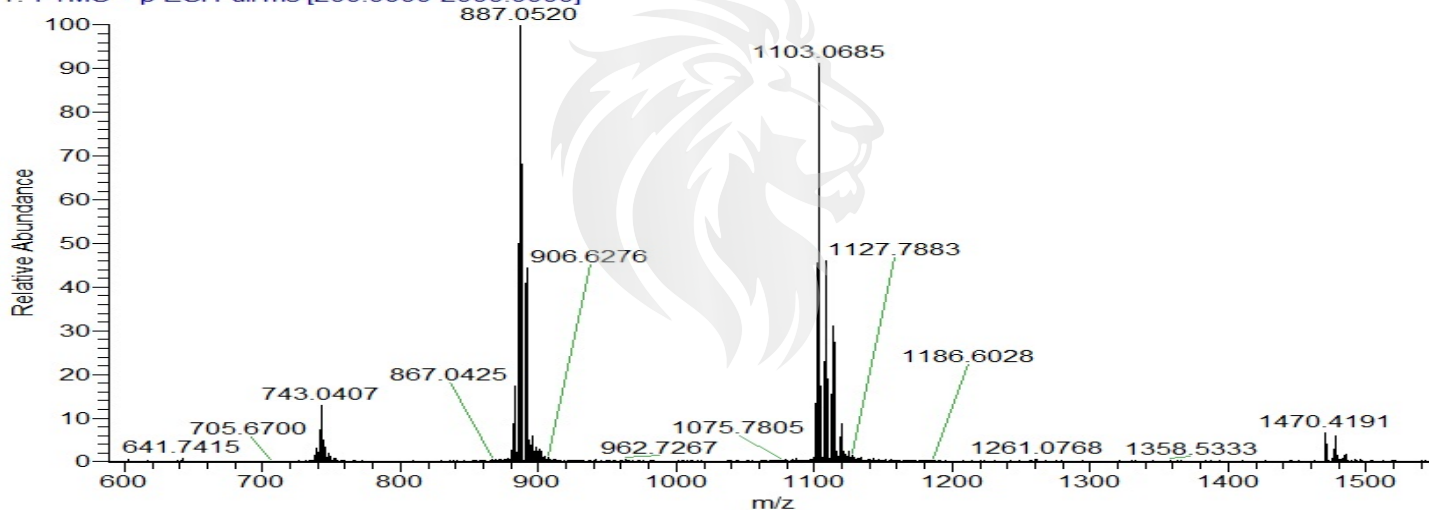
LC-MS Chromatogram: Retention Time and Peak Analysis

RT: 2.87 - 3.62 SM: 1G

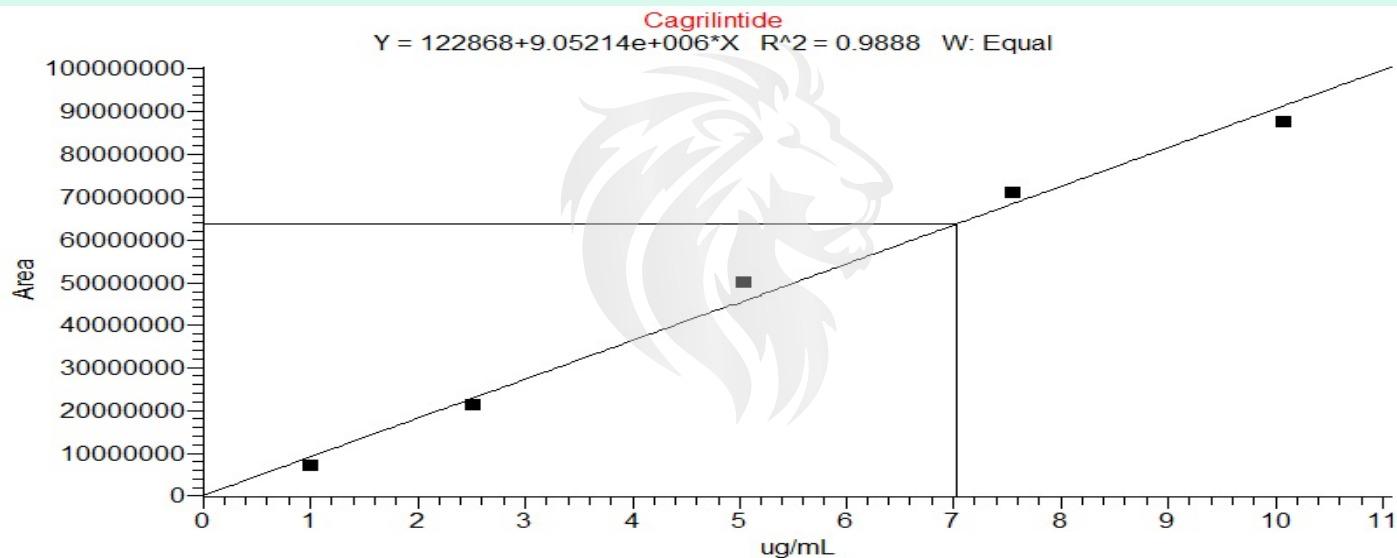

 NL: 2.08E7
 m/z= 1103.0675-1103.0785
 F: FTMS + p ESI Full ms
 [200.0000-2000.0000] MS
 ICIS
 Syntera-Cagrilintide-
 2dot5mg-01

Full Scan Mass Spectrometry Analysis

Syntera-Cagrilintide-2dot5mg-01 #372 RT: 3.24 AV: 1 NL: 2.18E7
T: FTMS + p ESI Full ms [200.0000-2000.0000]



Calibration Curve



Analysis Performed by

Dr. Roberto Marin
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bioregen.com/verify

Roberto Marin

