

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 #:	RTCAG25-1001	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

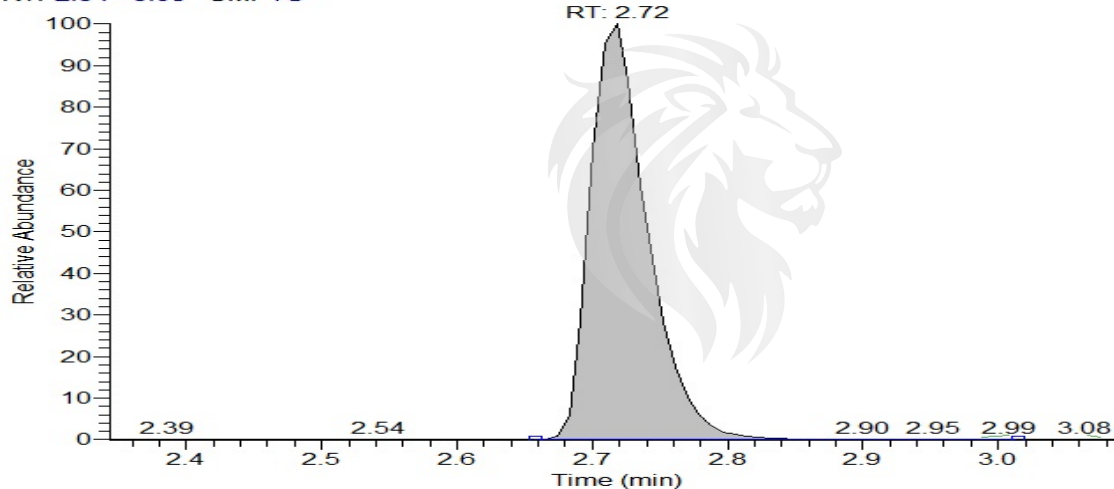
Pubchem CID: 171390338

Retatrutide | C221H342N46O68 | Pubchem CID 171390338

	Specification	Result	
Identity Test:	Retatrutide	Retatrutide	Conforms
Quantity:	20 mg	20.2 mg	Conforms
Purity:	>99%	99.73%	Conforms

LC-MS Chromatogram: Retention Time and Peak Analysis

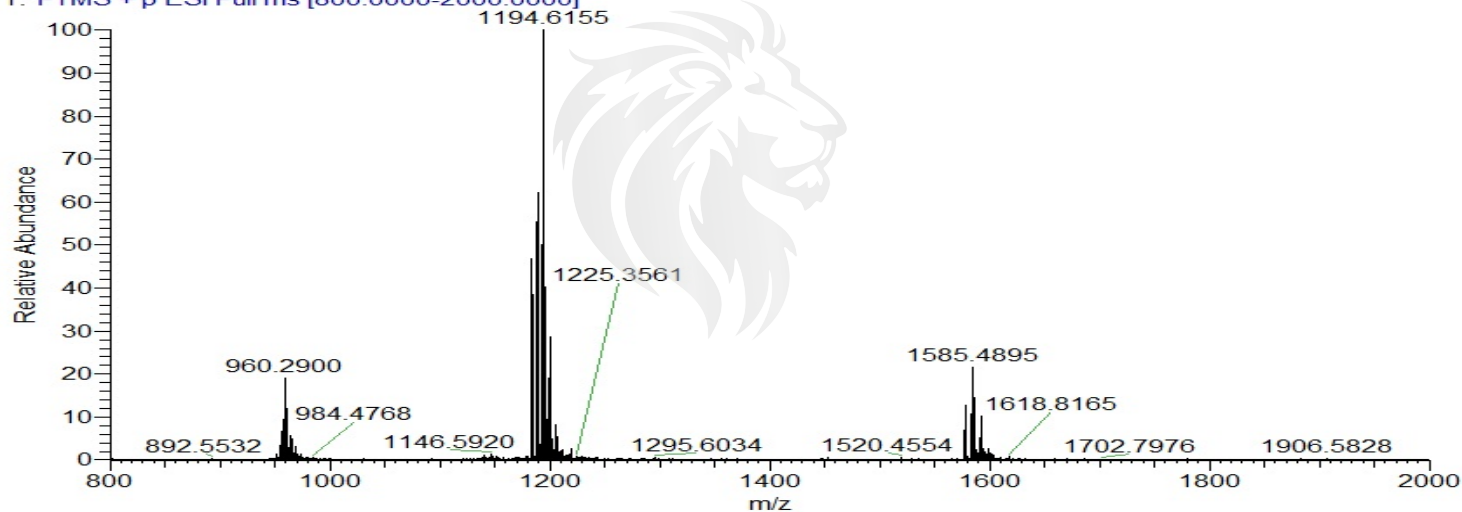
RT: 2.34 - 3.09 SM: 1G



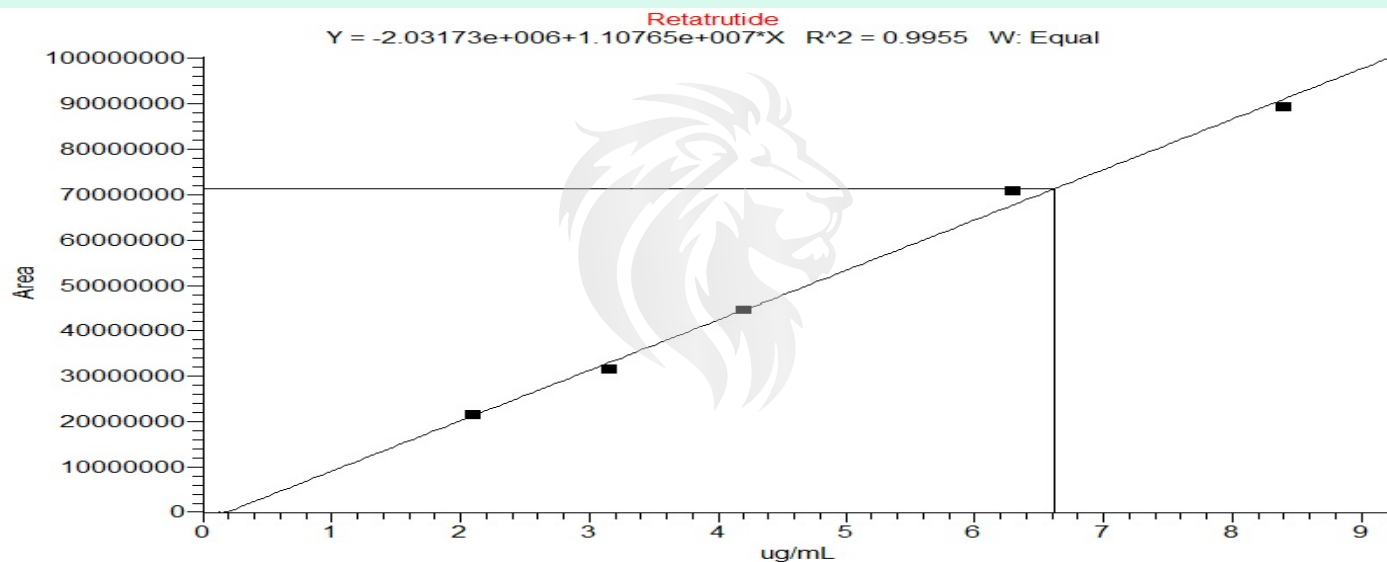
NL: 2.20E7
m/z= 1194.6108-1194.6228
F: FTMS + p ESI Full ms
[800.0000-2000.0000] MS
ICIS
Syntera-Retatrutide-20mg-03

Full Scan Mass Spectrometry Analysis

Syntera-Retatrutide-20mg-03 #312 RT: 2.72 AV: 1 NL: 2.18E7
T: FTMS + p ESI Full ms [800.0000-2000.0000]



Calibration Curve



Analysis Performed by

Dr. Roberto Marin
Analytical Chemist
contact@bioregen.com

COA #12495
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 #:	RTCAG25-1001	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

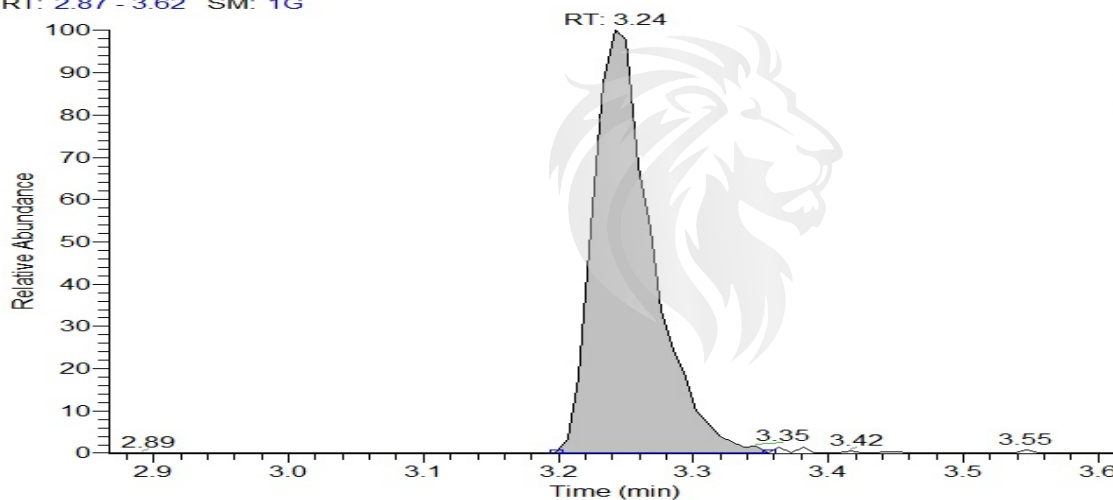
Pubchem CID: 171397054

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

	Specification	Result	
Identity Test:	Cagrilintide	Cagrilintide	Conforms
Quantity:	5 mg	7.1 mg	Over-Conforming
Purity:	>99%	99.44%	Conforms

LC-MS Chromatogram: Retention Time and Peak Analysis

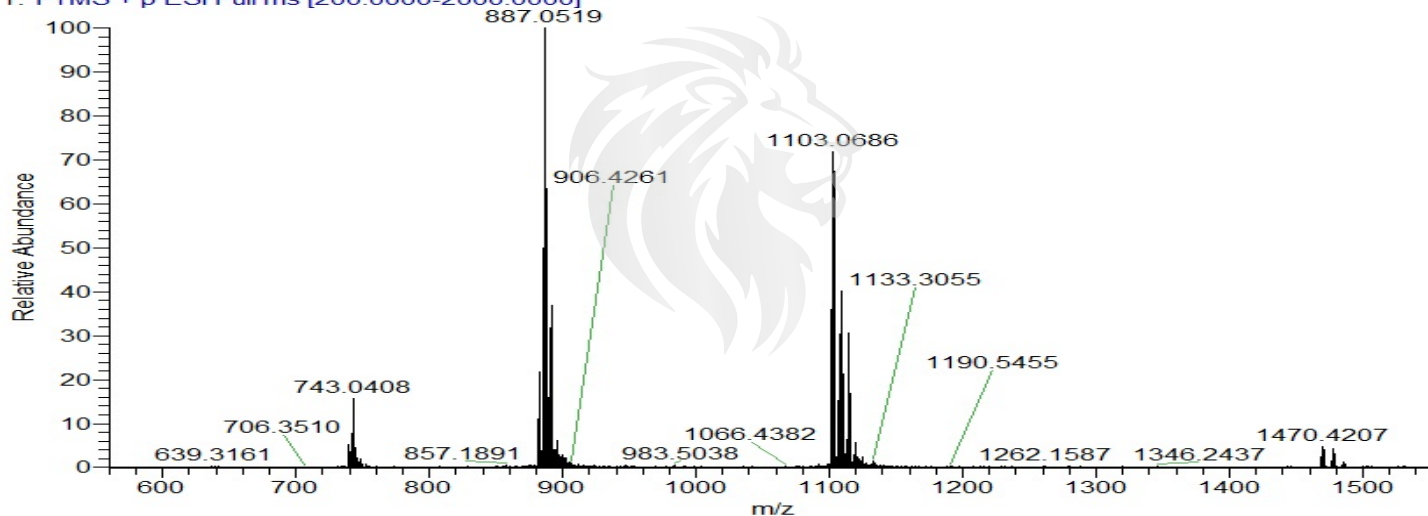
RT: 2.87 - 3.62 SM: 1G



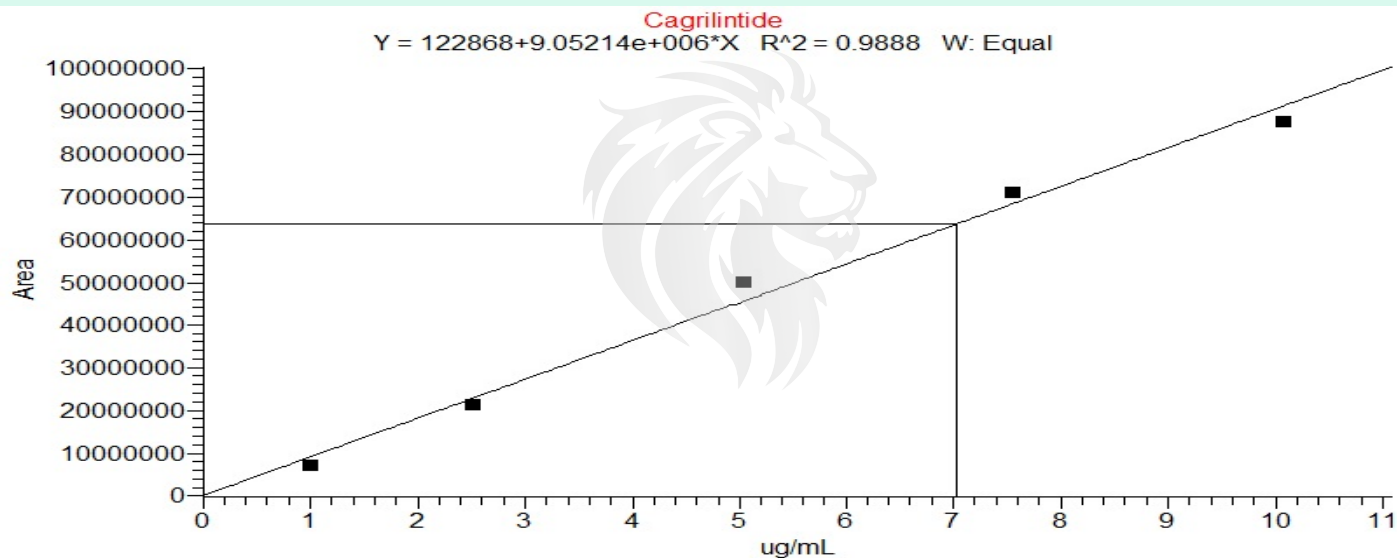
NL: 2.08E7
m/z= 1103.0675-1103.0785
F: FTMS + p ESI Full ms
[200.0000-2000.0000] MS
ICIS
Syntera-Cagrilintide-5mg-01

Full Scan Mass Spectrometry Analysis

Syntera-Cagrilintide-5mg-01 #372 RT: 3.24 AV: 1 NL: 2.72E7
T: FTMS + p ESI Full ms [200.0000-2000.0000]



Calibration Curve



Analysis Performed by

Dr. Roberto Marin
Analytical Chemist
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COA #12495
Security Key **PLPEPTIDES01**
bioregen.com/verify

Roberto Marin

