

Client: Irontide Labs (formerly Peptora)
 help@irontidelabs.com
 855-811-0112

Sample received: **03/30/26**
 Analysis conducted: **04/02/26**

Compound:	SS-31	CAS:	736992-21-5
Batch/Lot #:	IN2S50031226	Formula:	C32H49N9O5
Appearance:	White lyophilized powder	Mol Wt:	639.8 g/mol

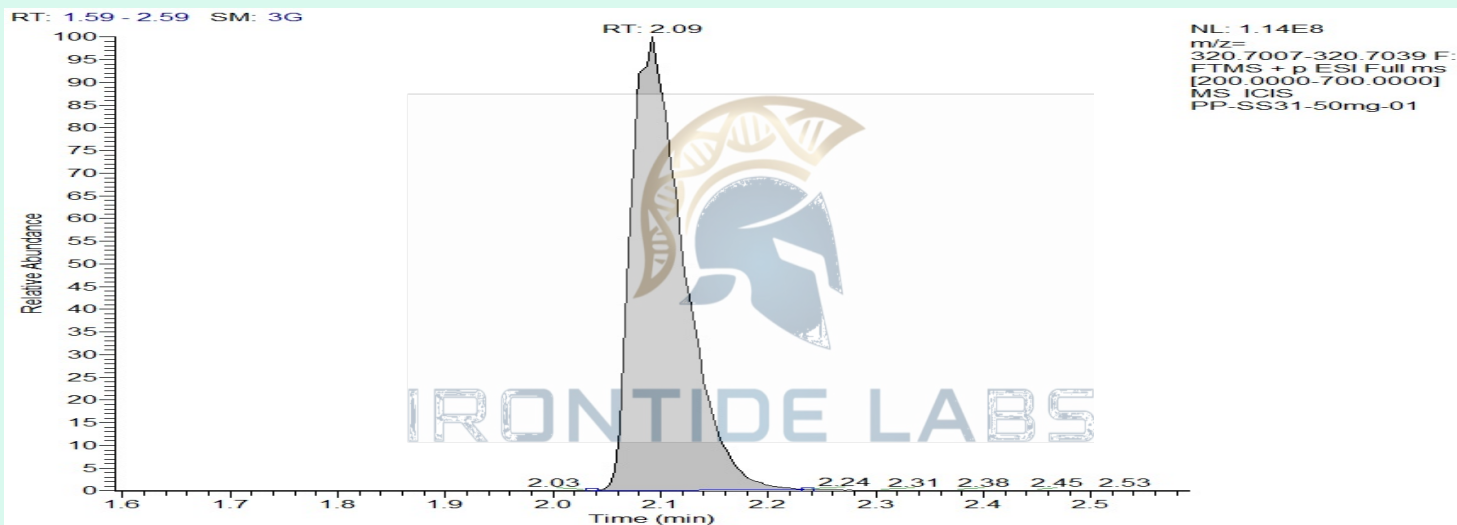
Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

Pubchem CID: 11764719

[SS-31](#) | [C32H49N9O5](#) | [11764719](#)

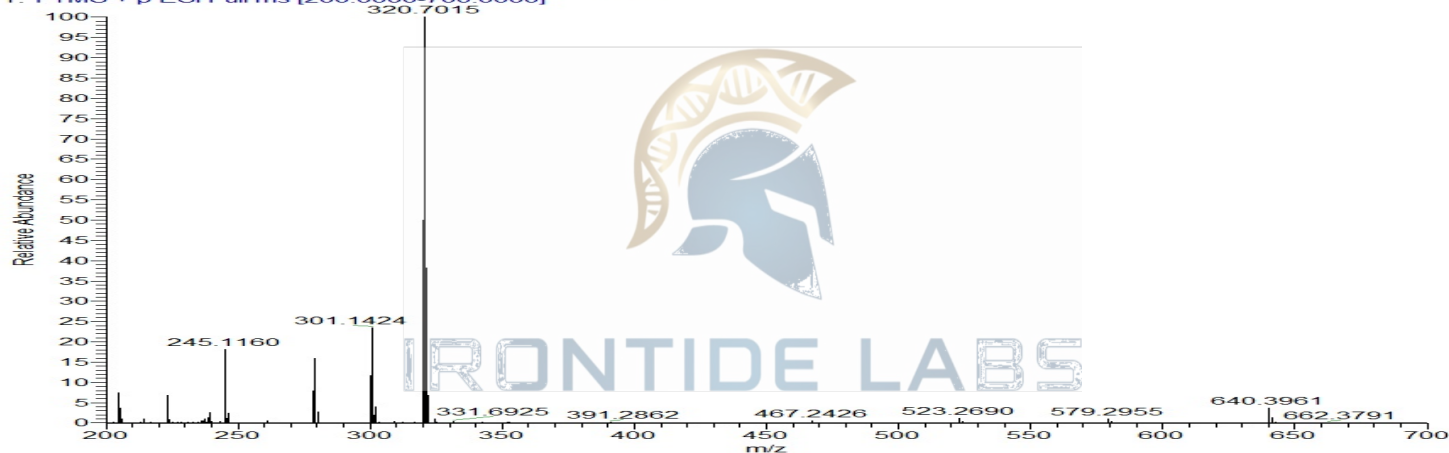
	Specification	Result	
Identity Test:	SS-31	SS-31	Conforms
Quantity:	50 mg	54.41 mg	Conforms
Purity:	>99%	99.41%	Conforms

LC-MS Chromatogram and Retention Time Analysis

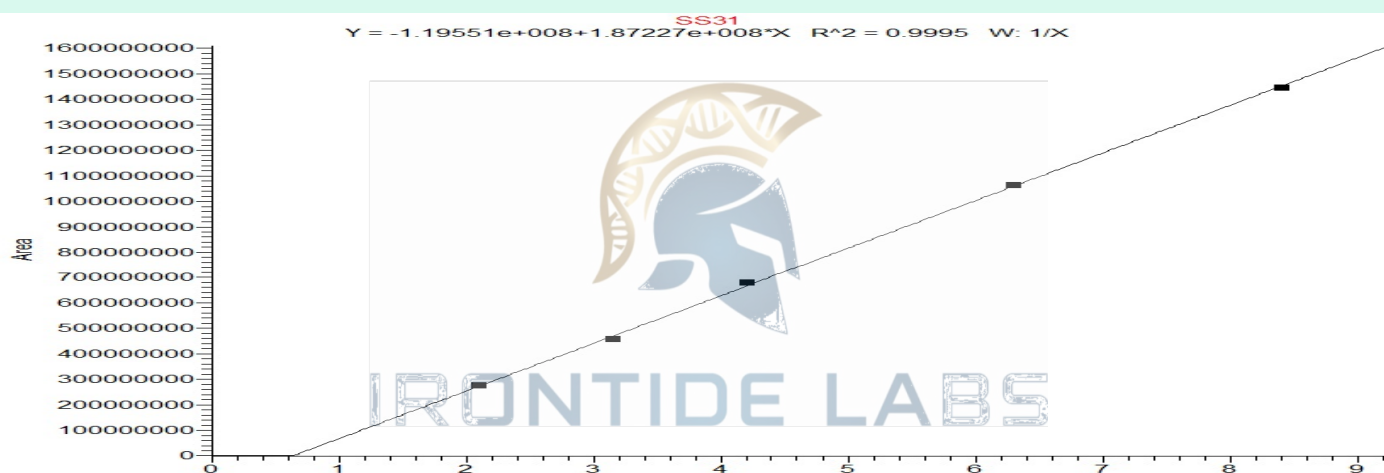


Full Scan Mass Spectrometry Analysis

PP-SS31-50mg-01 #480 RT: 2.09 AV: 1 NL: 1.13E8
T: FTMS + p ESI Full ms [200.0000-700.0000]



Calibration Curve

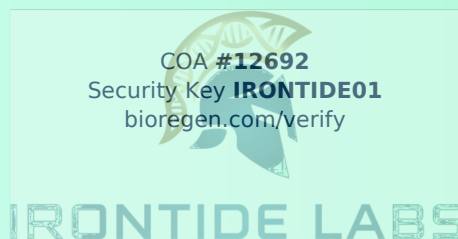


Analysis Performed by

Dr. Victor Ugur
Analytical Chemist
contact@bioregen.com

Victor Ugur

COA #12692
Security Key **IRONTIDE01**
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Limulus Amebocyte Lysate (LAL) – Report of Analysis

Test Performed	Endosafe - PTS LAL Assay
Test Date	04/02/2026
Analyst	VICTOR
Instrument	Endosafe® nexgen-PTS™ (SN: 25201216)

Sample Information

Company Name	Irontide Labs (formerly Peptora)
Sample Tested	SS-31
Sample Lot Number	IN2S50031226
Sample Concentration	50mg
Vials/Units Received	1

Reagent Information

Cartridge Type	Endotoxin- LAL (Charles River)
Cartridge Lot #	2601241225
Cartridge Calibration Code	511840156587
Detection Range	0.05 EU/mL – 5.0 EU/mL
Spike Value	0.925 EU/mL
Spike Recovery	109% (Pass)
Test Suitability	Pass

Endotoxin Quantitation Results

Sample ID	Replicates	Measured EU/mL	Specification	Pass/Fail
SS-31	1, 2	<0.06 EU/mL	≤ 0.50 EU/mL	Pass

Interpretation:

Endotoxin level in **SS-31** was measured using chromogenic LAL assay with detection at 405 nm. The result of **<0.06 EU/mL** indicates that the endotoxin content is **below** the acceptable threshold of 0.5 EU/mL. Sample **PASSES** the endotoxin limit test.

Analyst Signature: _____

Date: 04/03/2026

To verify the authenticity of this report, please contact **BioRegen** at
contact@bioregen.com or reference the **Report ID** and **Validation Key** provided above.

Alternatively, scan the QR code below to access the official record on our website.

