

Client: Revitacore LLC

 Sample received: **08/24/26**
 Analysis conducted: **08/31/26**

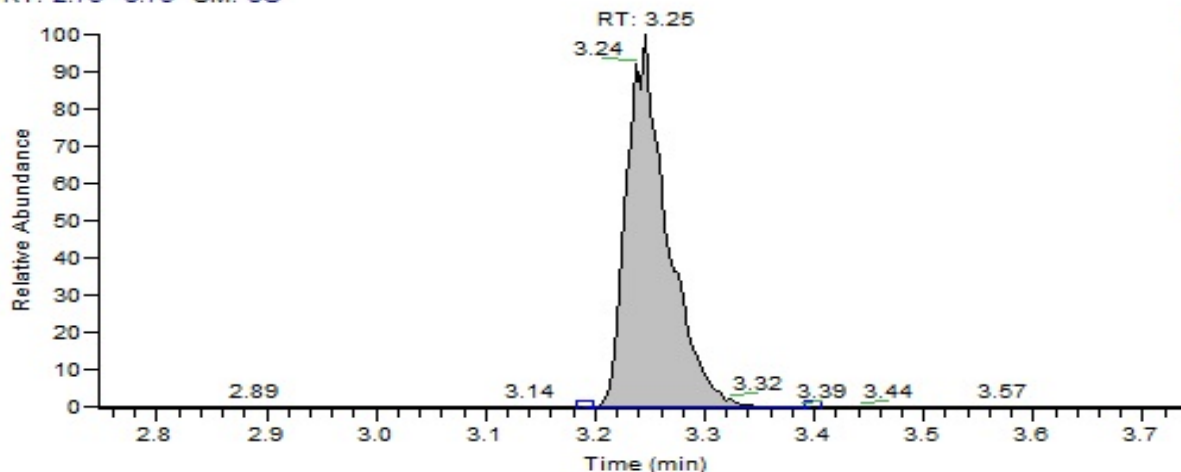
Compound:	Oxytocin	CAS:	50-56-6
Batch/Lot #:	OC102606Q	Formula:	C43H66N12O12S2
Appearance:	White lyophilized powder	Mol Wt:	1007.193 g/mol

Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry
Pubchem CID: 439302

	Specification	Result	
Identity Test:	Oxytocin	Oxytocin	Conforms
Quantity:	10mg	11.15mg	Conforms
Purity:	>99%	99.24%	Conforms

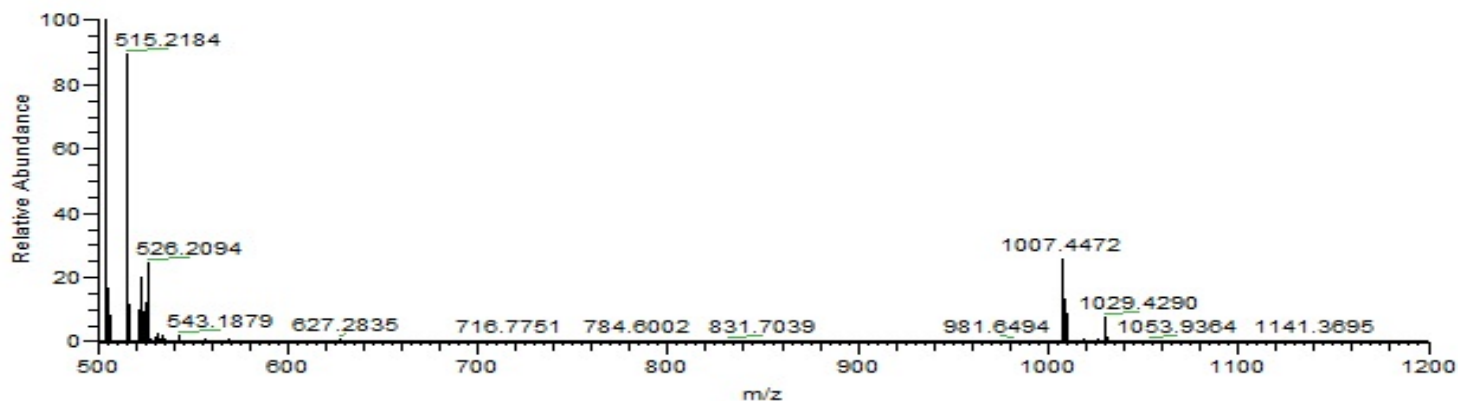
LC-MS Chromatogram: Retention Time and Peak Analysis

RT: 2.75 - 3.75 SM: 3G


 NL: 2.00E7
 m/z=
 1007.4422-1007.4522
 F: FTMS + p ESI Full
 ms
 [500.0000-1200.0000]
 MS ICIS
 RC-Oxy-10mg_01

Full Scan Mass Spectrometry Analysis

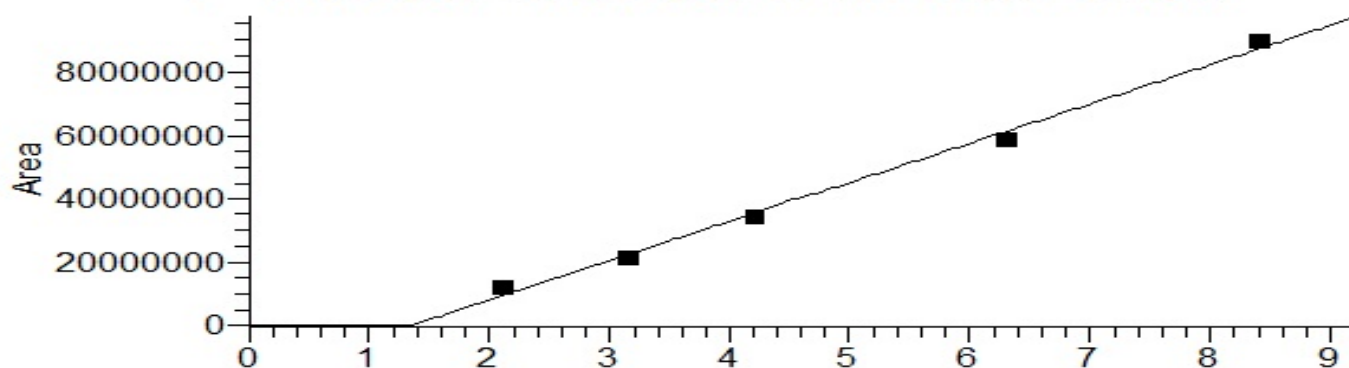
RC-Oxy-10mg_01 #883 RT: 3.25 AV: 1 NL: 7.79E7
T: FTMS + p ESI Full ms [500.0000-1200.0000]



Calibration Curve

Oxytocin

$$Y = -1.65448e+007 + 1.23478e+007 * X \quad R^2 = 0.9949 \quad W: \text{Equal}$$



Analysis Performed by

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Limulus Amebocyte Lysate (LAL) – Report of Analysis

Test Performed	Endosafe - PTS LAL Assay
Test Date	08/31/2026
Analyst	ROBERTO
Instrument	Endosafe® nexgen-PTS™ (SN: 25201216)

Sample Information

Company Name	Revitacore LLC
Sample Tested	Oxytocin
Sample Lot Number	OC102606Q
Sample Amount	10mg
Vials/Units Received	1

Reagent Information

Cartridge Type	Endotoxin- LAL (Charles River)
Cartridge Lot #	2612141407
Cartridge Calibration Code	512830694630
Detection Range	0.05 EU/mL – 5.0 EU/mL
Spike Value	0.738 EU/mL
Spike Recovery	112% Pass
Test Suitability	Pass

Endotoxin Quantitation Results

Sample ID	Replicates	Measured EU/mL	Specification	Pass/Fail
Oxytocin	1	< 0.05 EU/mL	<= 0.50 EU/mL	Pass

Interpretation:

Endotoxin level in Oxytocin was measured using chromogenic LAL assay with detection at 405 nm. The result of < 0.05 EU/mL indicates that the endotoxin content is below the acceptable threshold of 0.50 EU/mL. Sample **Passes** the endotoxin limit test.

Analyst Signature: _____



Date: 08/31/2026

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.

