

Client: Revitacore LLC

 Sample received: **08/24/26**
 Analysis conducted: **08/27/26**

Compound:	Cartalax	CAS:	N/A
Batch/Lot #:	CX202606A	Formula:	C12H19N3O8
Appearance:	White lyophilized powder	Mol Wt:	333.29 g/mol

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

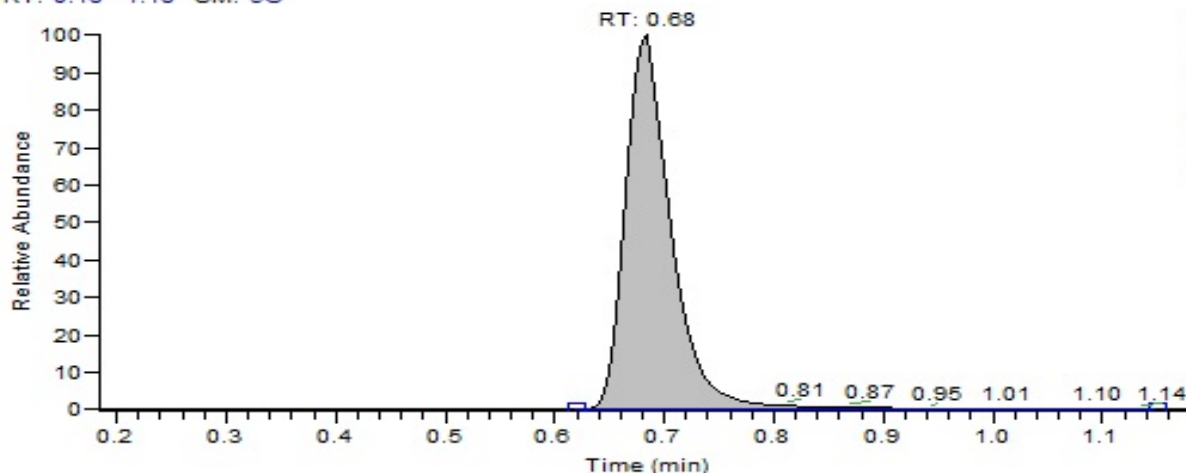
Pubchem CID: 87815447

[Cartalax](#) | [C12H19N3O8](#) | [CID 87815447](#)

	Specification	Result	
Identity Test:	Cartalax	Cartalax	Conforms
Quantity:	20mg	24.6mg	Conforms
Purity:	>99%	99.66%	Conforms

LC-MS Chromatogram: Retention Time and Peak Analysis

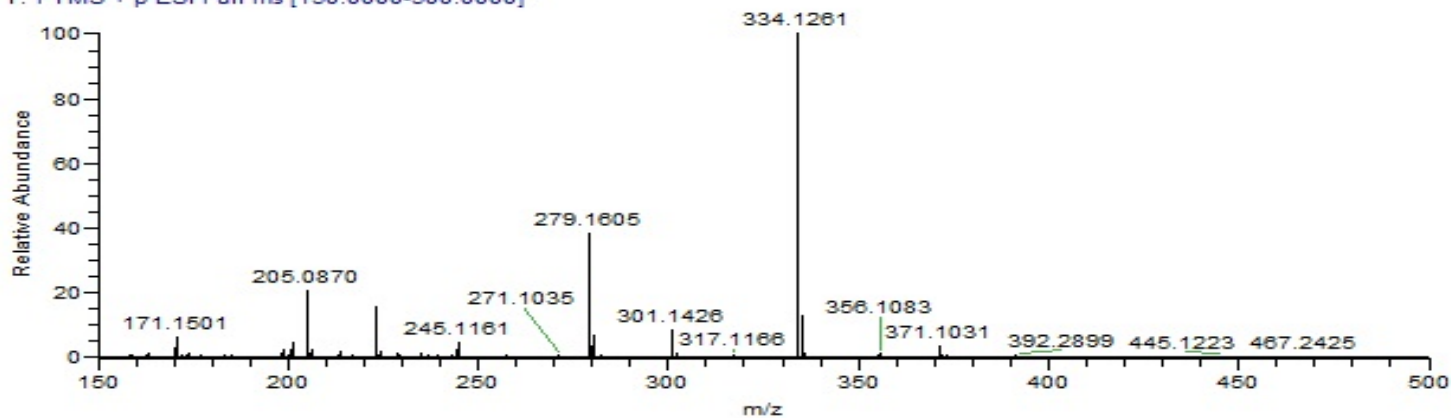
RT: 0.18 - 1.18 SM: 5G



NL: 7.97E6
 m/z= 334.1244-334.1278 F:
 FTMS + p ESI Full ms
 [150.0000-500.0000]
 MS ICIS
 RC-Cartalax-20mg_01

Full Scan Mass Spectrometry Analysis

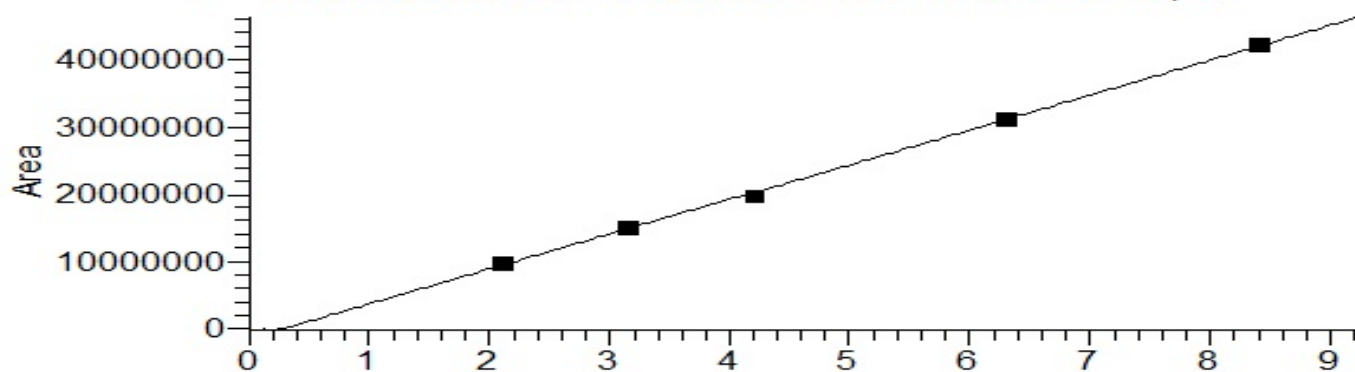
RC-Cardalax-20mg_01 #157 RT: 0.68 AV: 1 NL: 8.15E6
T: FTMS + p ESI Full ms [150.0000-500.0000]



Calibration Curve

Cardalax

$$Y = -1.48196e+006 + 5.17296e+006 * X \quad R^2 = 0.9995 \quad W: \text{Equal}$$



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	Cartalax
Sample Lot Number	CX202606A
Sample Amount	20mg
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	0.857 EU/mL
Spike Recovery	130% Pass
Test Suitability	Pass

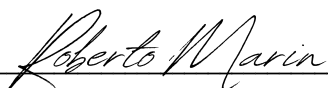
Endotoxin Quantitation Results

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

Interpretation:

Endotoxin level in Cartalax 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.

