



Report #:

COA261600-004

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Title:

Certificate of Analysis (CoA)

Date: 9/24/2026
Date Tested: 9/20/2026
Customer: Finnrick
Testing material: Cartalax
Lot Number: SX65PUQ
Sample ID: BTL260915-020-004
Content/Potency: 25 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, white label, silver crimp, clear yellow plastic cap.
Labeled as: Cartalax
Manufacturer: Peptagon CTX25N050526
Testing Purpose: FTIR and HPLC analysis for the identification, purity, potency and composition of a peptide product. It does not provide information on particulate matter, microbial contamination or presence of endotoxins.



Test	Method	Specification	Result
General Appearance	USP <630>	white powder	white powder
Mass	USP <41>	As recorded	64.3 mg
FTIR Identification and Composition Analysis	USP <197A>	Sample spectrum should confirm the content of peptide via characteristic bands	FTIR sample spectrum confirms the presence of Cartalax with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.6 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 25 mg	25.4 mg (101.4 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	25.4 : 38.9 mg (1:1.5)

The results of the CoA relate only to the item(s) tested and applied to the sample as received.

Andrea
Castro

Digitally signed by Andrea Castro
DN: CN=Andrea Castro, O=
BT Labs, E=acastro@
btlabtesting.us
Reason: I am approving this
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Andrea Castro, BS
Scientist-II
BT Labs

Escarlet
Cabrieles

Digitally signed by Escarlet
Cabrieles
DN: CN=Escarlet Cabrieles, E=
ecabrieles@btlabtesting.us
Reason: I am the author of this
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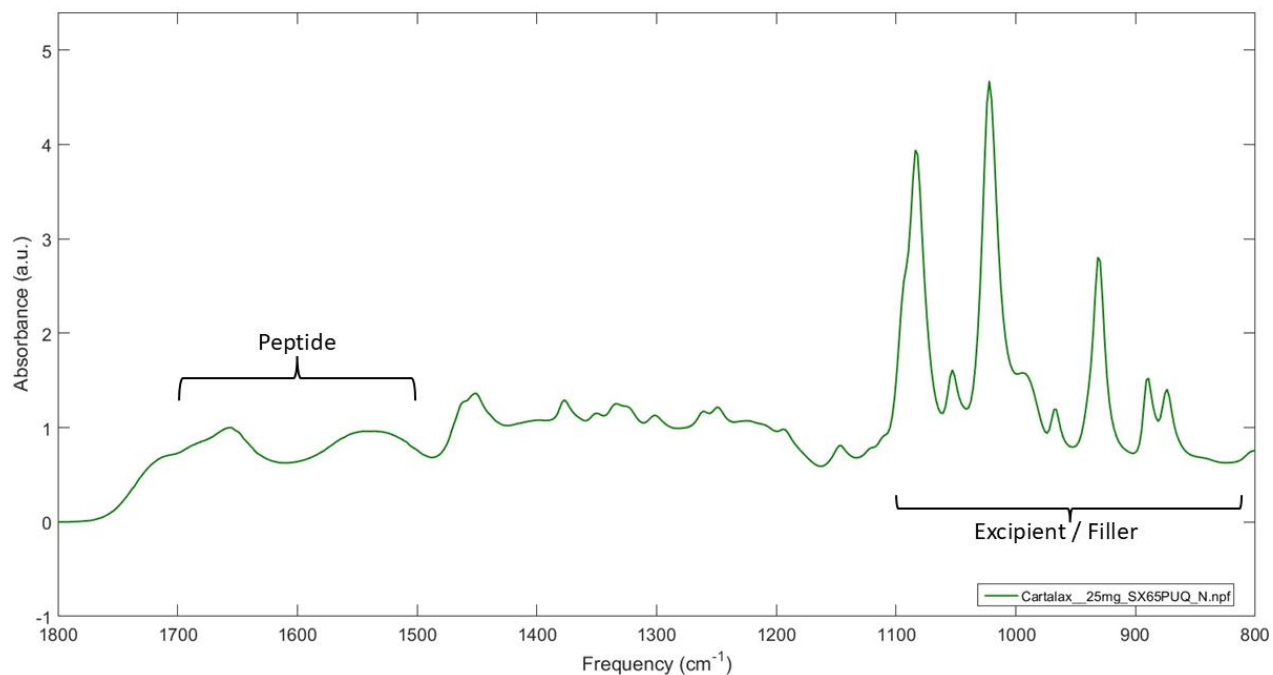
Escarlet Cabrieles, BS
Scientist-II
BT Labs

5601 Corporate Way | Suite 206 | West Palm Beach, FL 33407
Phone: (561) 625-0133
E-mail: info@btlabtesting.com | Website: <https://btlabtesting.com>

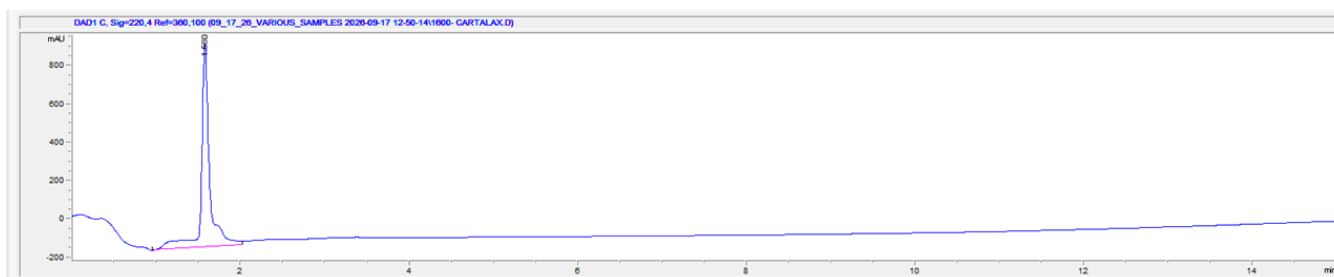
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Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: Cartalax Lot SX65PUQ



HPLC Purity and Potency Assay @ 220 nm: Cartalax Lot SX65PUQ



Cartalax Lot SX65PUQ @ 220 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	1.58	7476.2

Title:

Certificate of Analysis (CoA)**Bacterial Endotoxins Test**

Date: 9/24/2026
Date Tested: 9/24/2026
Customer: Finnrick
Testing material: Cartalax
Lot Number: K7K36TT
Sample ID: BTL260915-020-014
Content/Potency: 25 mg
Storage: R.T.
Packing material: Small clear vial: white sample, white label, silver crimp, clear yellow plastic cap.
Labeled as: Cartalax
Manufacturer: Peptagon CTX25N050526
Testing Purpose: This test quantifies bacterial endotoxin levels to confirm that the product does not elicit pyrogenic reactions, maintaining patient safety and product integrity.



Test	Method	Specification	Result
Bacterial Endotoxins Test	USP <85>	350 EU/vial reconstituted	PASS

The results of the CoA relate only to the item(s) tested and applied to the sample as received.
Results were determined by a valid kinetic turbidity assay

Bacterial Endotoxins Test Cartalax Lot K7K36TT

Sample ID	Description	Volume (mL)	Endotoxin Limit (EU/vial)	Lysate Sensitivity (λ , EU/mL)	Result
K7K36TT	Cartalax	2	350 EU/vial	0.05	<5 EU/vial

Results reported as <5 EU/vial are below the limit of detection for this assay
Endotoxin Limits is established per USP <85> guidelines for injectables

Andrea Castro

Andrea Castro, BS
Scientist-II
BTLabs

Digitally signed by Andrea Castro
DN: CN=Andrea Castro, O=BTLabs, E=acastro@btlabtesting.us
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Escarlet Cabrieles

Escarlet Cabrieles, BS
Scientist-II
BTLabs

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DN: CN=Escarlet Cabrieles, E=ecabrieles@btlabtesting.us
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