Customer:
Pure Health Peptides

EA Sample ID: 26EA0910-048
Sample Name: (Yellow Cap) Cartalax
Sample Type: Powder
Batch/Lot: TUY-060326

Date Received:
09/11/2026
Date Completed:
09/15/2026

ETHOS ANALYTICS

CERTIFICATE OF ANALYSIS

Summary of Results

Analysis Type	Method	Date Tested	Status
Cartalax	HPLC	09/15/2026	Complete
Bacterial Endotoxins	USP <85>	09/15/2026	Complete
Microbiological	Petrifilm/qPCR	09/14/2026	Pass

Serving Size: N/A

Label Claim Profile

Analyte	Result	Specification	LOD
Cartalax	20.49mg/vial	20mg/vial	0.1%
Identity of the analyte was confirmed by retention time concordance with a certified reference standard, per USP <621>.			
Chromatographic Purity	>99%	>99%	0.1%
Bacterial Endotoxins (Gel-Clot: 1:10 Dilution)	<1.25 EU/ml	<5 EU/ml	λ = 0.125 EU/mL

NOTES: Lyophilized samples may include acceptable salts, sugars, or buffering agents added to improve solubility and stability. These excipients are non-chromophoric, typically not detected by HPLC, and are not considered impurities.

LOD = LIMIT OF DETECTION; LOQ = LIMIT OF QUANTIFICATION

ETHOS ANALYTICS
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ISO/IEC 17025 Acc #: 117798

Noel Samsum
Laboratory Director
15-Sep-2026

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Heavy Metal Analysis (USP <233>)

Analyte	Result (mcg/vial)	LOQ (ppm)	LOD (ppm)	Limit (mcg/day)	Pass/Fail
Arsenic	**Not Tested**	0.010	0.005	0.5	-
Cadmium	**Not Tested**	0.010	0.005	0.1	-
Lead	**Not Tested**	0.010	0.005	0.5	-
Mercury	**Not Tested**	0.010	0.005	0.1	-

Microbiological Analysis (USP <61>, USP <62>)

Microbe	Result	Limit	Pass/Fail
Total Aerobic Plate	**<10 CFU/g**	<100 CFU/g	Pass
Coliform	**<10 CFU/g**	<10 CFU/g	Pass
Bile-Tolerant Gram-Negative Bacteria	**<10 CFU/g**	<10 CFU/g	Pass
Yeast and Mold	**<10 CFU/g**	<10 CFU/g	Pass
Escherichia Coli	**Negative/1g**	Negative/1g	Pass
Salmonella	**Negative/1g**	Negative/1g	Pass
Staphylococcus Aureus	**Negative/1g**	Negative/1g	Pass

NOTES:

CFU = Colony Forming Unit
NS = Not Specified
NT = Not Tested

LOQ = Limit of Quantification
LOD = Limit of Detection

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