KOVERA LABS

CERTIFICATE OF ANALYSIS

REPORT # KVR-2026-8E3334

Client: Primal King Peptides

Certified: 07/22/2026

This Certificate of Analysis certifies that the sample listed herein was tested by Kovera Labs using validated analytical methods and was found to meet the stated specifications at the time of analysis.

SAMPLE INFORMATION

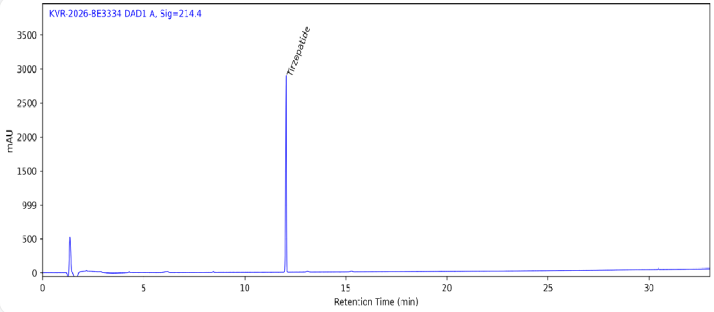
Product	PRIMAL-TZ	**Form**	Lyophilized Powder
Batch	N/A	**Labeled Qty**	60 mg
Cap Color	Clear	**Crimp Color**	Silver

TEST RESULTS

	REFERENCE STANDARD	RESULT
Purity	(>98%)	99.321% ✓
Net Content	(~60mg)	61.49 mg ✓
Identity Confirmation (LC-MS)	(PRIMAL-TZ)	PRIMAL-TZ ✓
Endotoxin Safety Screen	(≤0.5 EU/mL)	Pass ✓
Rapid Sterility Screening	(No Growth)	No microbial growth detected ✓

CHROMATOGRAM

Method: RP-HPLC | Column: C18 | Detection: DAD @ 214 nm



Lemar Asghandiwal
Lab Director

koveralabs.com/verify

Report#: KVR-2026-8E3334
Access Code: 6WYK5T4

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BACTERIAL ENDOTOXIN ANALYSIS

(Kinetic Chromogenic LAL, USP <85>)

Sample ID: **KVR-2026-8E3334**

CLIENT & SAMPLE INFORMATION

Client	Primal King Peptides	**Certified Date**	07/22/2026
Product Name	PRIMAL-TZ	**Strength**	60 mg
Lot / Batch	N/A	**Condition**	Lyophilized

This Certificate of Analysis certifies that the sample listed herein was tested for bacterial endotoxin using a kinetic chromogenic LAL assay in accordance with USP <85> Bacterial Endotoxins Test.

TEST METHODOLOGY

Test Performed	Quantitative Bacterial Endotoxin Test	**Compendial Ref**	USP <85>
Assay Type	Kinetic Turbidimetric	**Detection λ**	660 nm
Detection Range	0.01 - 1.0 EU/mL	**Endotoxin Std**	E. coli O111:B4
Dilution Vol	2.0 mL	**Matrix**	LAL Reagent Water

QUANTITATIVE RESULTS

Parameter	Result
Endotoxin Level	**< 0.08 EU/mL**
Acceptance Limit	≤ 0.5 EU/mL
Sample CV (%)	**2.5%**
Spike CV (%)	**3.9%**
Spike Recovery (%)	**96%**
Final Determination	**PASS**

CONTROLS

Control	Expected	Observed	Status
Positive Control	Detectable	As expected	**Pass**
Negative Control	No signal	As expected	**Pass**

INTERPRETATION

Endotoxin content was quantitatively determined using a kinetic chromogenic LAL assay in accordance with USP <85>. Result reported as below quantitation threshold. The measured endotoxin level meets the specified acceptance criteria. The sample passes the endotoxin limit test.

AUTHORIZATION

REVIEWED BY

Lemar Arghandiwal

Lab Director

KOVERA LABS

MICROBIAL STERILITY REPORT

BacT ALERT Automated Detection Method

Sample ID: **KVR-2026-8E3334**

CLIENT & SAMPLE INFORMATION

Client	Primal King Peptides	**Certified Date**	07/22/2026
Product Name	PRIMAL-TZ	**Strength**	60mg
Lot / Batch	N/A	**Condition as Received**	Sealed injectable vial

This report summarizes microbial growth screening performed on the submitted sample using the BacT ALERT automated microbial detection system. The test is designed to screen for detectable microbial growth under the conditions of the method used. This report applies only to the submitted sample as tested and does not certify sterility of the entire batch lot or product line.

TEST METHODOLOGY

Test Performed	14 Day Microbial Growth Screening
Culture System	Aerobic and anaerobic culture bottles
Incubation Period	2 days
Detection Principle	Colorimetric CO_2 detection
Sample Requirement	1 vial (destructive)

TEST RESULTS

Parameter	Result
Aerobic microbial growth	No microbial growth detected
Anaerobic microbial growth	No growth detected
Final Determination	No microbial growth detected during the 14 day incubation period

METHOD OVERVIEW

The submitted sample was aseptically introduced into BacT ALERT culture bottles designed to support microbial growth detection. The BacT ALERT system continuously monitors each bottle during incubation. If microorganisms are present and grow, they may produce carbon dioxide (CO_2) which interacts with the colorimetric sensor in the bottle; the instrument detects this change photometrically. If growth is detected, the system automatically flags the bottle as positive and records the time to detection. If no growth is detected during the full incubation period, the final result is reported as no microbial growth detected.

INTERPRETATION

No microbial growth was detected in the submitted sample during the 14 day BacT ALERT incubation period. This result indicates that no detectable microbial growth was observed under the conditions of this screening method. This result should not be interpreted as a guarantee of sterility for the entire batch lot or product line.