

Client: Modern Aminos

Certified: 04/15/2026

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	PT-141	Form	Lyophilized powder
Batch	BX-P-H7Z8	Labeled Qty	10mg
Mol. Formula	C50H68N14O10	CAS Number	189691-06-3
Cap Color	Yellow	Crimp Color	Sliver

**TEST RESULTS**

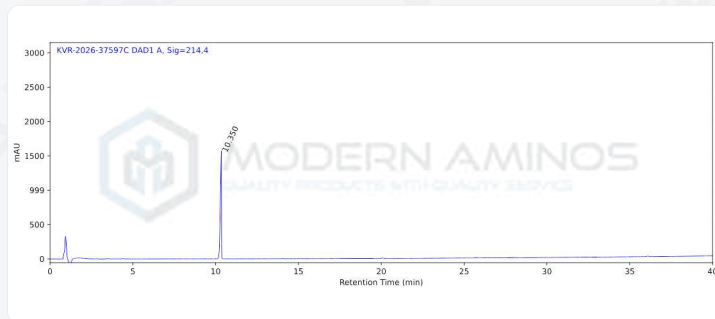
	REFERENCE STANDARD	RESULT	
Batch Avg Purity	(>98%)	99.944%	✔
Batch Avg Net Content	(10mg ± 10%)	10.83 mg	✔
Identity Confirmation (LC-MS)	(PT-141)	PT-141	✔
Bacterial Endotoxins (LAL)	(≤ 0.50 EU/mL)	PASS	✔

**BATCH CONFORMITY RESULTS**

Vial	Purity (%)	Net Content (mg)
Vial 1	99.969	10.86
Vial 2	99.919	10.86
Vial 3	99.943	10.76
<b>Batch Average</b>	<b>99.944%</b>	<b>10.83 mg</b>

**CHROMATOGRAM**

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



## CLIENT &amp; SAMPLE INFORMATION

Client	Modern Aminos	Analysis Date	04/15/2026
Product Name	PT-141	Strength	10 mg
Lot / Batch	BX-P-H7Z8	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	Chromogenic (Kinetic)	Detection $\lambda$	405 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	< 0.03 EU/mL
Acceptance Limit	≤ 0.5 EU/mL
Sample CV (%)	2.9%
Spike CV (%)	3.2%
Spike Recovery (%)	101%
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

PREPARED BY <b>Marcus Sterling, B.S.</b> QC Analyst
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REVIEWED BY <b>David Cohen, M.S.</b> Quality Director
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