KOVERA LABS

CERTIFICATE OF ANALYSIS

REPORT # KVR-2026-B05EA7

Client: Guardian Labs

Certified: 08/10/2026

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

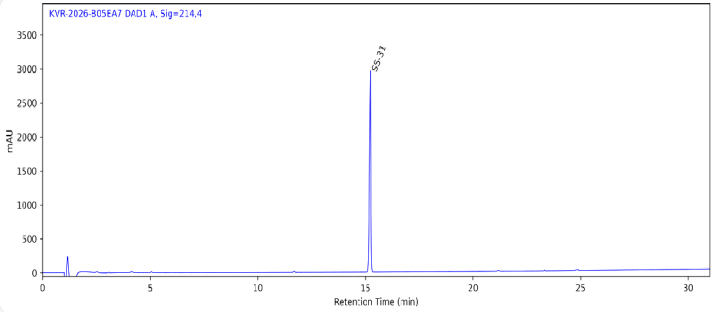
Product	SS-31	**Form**	Lyophilized Powder
Batch	GLSS3110-V01-2608-01	**Labeled Qty**	50 mg
Cap Color	Green	**Crimp Color**	Silver

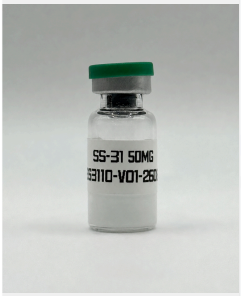
TEST RESULTS

	REFERENCE STANDARD	RESULT
Purity	(>98%)	99.562% ✓
Net Content	(~50mg)	48.31 mg ✓
Identity Confirmation (LC-MS)	(SS-31)	SS-31 ✓
Endotoxin Safety Screen	(≤0.5 EU/mL)	PASS ✓
Microbial Sterility Screen	(No Growth)	No Growth ✓

CHROMATOGRAM

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





Lemar Asghandiwal
Lab Director

koveralabs.com/verify

Report#: KVR-2026-B05EA7
Access Code: GRVQUGU

KOVERA LABS

BACTERIAL ENDOTOXIN ANALYSIS

(Kinetic Chromogenic LAL, USP <85>)

Sample ID: **KVR-2026-B05EA7**

CLIENT & SAMPLE INFORMATION

Client	Guardian Labs	**Certified Date**	08/10/2026
Product Name	SS-31	**Strength**	50 mg
Lot / Batch	GLSS3110-V01-2608-01	**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	**< 0.06 EU/mL**
Acceptance Limit	≤ 0.5 EU/mL
Sample CV (%)	**4.3%**
Spike CV (%)	**3.3%**
Spike Recovery (%)	**79%**
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

RAPID STERILITY SCREEN

Report Number: **KVR-2026-B05EA7**

CLIENT & SAMPLE INFORMATION

Client	Guardian Labs	**Sample Name**	SS-31
Lot Number	GLSS3110-V01-2608-01	**Date Received**	08/10/2026
Certified Date	08/10/2026	**Sample Matrix**	Lyophilized Powder

TEST METHODOLOGY

RAPID STERILITY SCREENING METHOD

Sample is reconstituted and incubated in growth media under controlled conditions. Cultures are monitored for microbial growth over the incubation period. This rapid screening method provides preliminary sterility assessment and is suitable for quality control purposes. For regulatory compliance, full compendial sterility testing may be required.

TEST RESULTS

TEST PARAMETER	SPECIFICATION	RESULT	STATUS
Bacteria (Aerobic/Anaerobic)	No Growth	**No Growth**	PASS
Fungi / Yeast	Not Detected	**Not Detected**	PASS

TEST METHOD	INCUBATION PERIOD	TEMPERATURE
Rapid Sterility	**2 days**	**30-35C**

FINAL DETERMINATION

STERILITY SCREEN RESULT

SAMPLE PASSES STERILITY SCREEN

No microbial growth detected during incubation period