



Client: Elutide LLC

Certified: 07/17/2026

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	ELU202607-SS10	Labeled Qty	10 mg
Mol. Formula	C32H49N9O5	CAS Number	736992-21-5
Cap Color	White	Crimp Color	Silver

TEST RESULTS

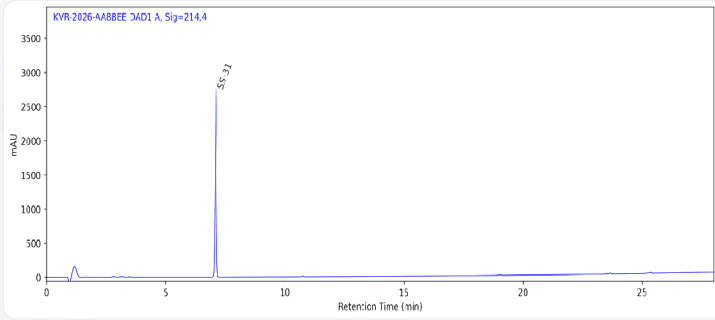
	REFERENCE STANDARD	RESULT	
Purity	(>98%)	99.718%	✓
Net Content	(~10mg)	10.41 mg	✓
Identity Confirmation (LC-MS)	(SS-31)	SS-31	✓
Endotoxin Safety Screen	(≤0.5 EU/mL)	Pass	✓

HEAVY METAL SCREENING

Analyte	Result	Status
Arsenic (As)	Negative	✓
Cadmium (Cd)	Negative	✓
Lead (Pb)	Negative	✓
Mercury (Hg)	Negative	✓

CHROMATOGRAM

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



Lamar Arghandinal
Lab Director



koveralabs.com/verify

Report#: KVR-2026-AA8BEE
Access Code: IEB2IJM



CLIENT & SAMPLE INFORMATION

Client	Elutide LLC	Analysis Date	July 14, 2026
Product Name	SS-31	Strength	10 mg
Lot / Batch	ELU202607-SS10	Condition	Lyophilized

ICP-MS metals analysis performed using EPA-referenced methods; results evaluated against internal acceptance criteria.

TEST METHODOLOGY

Test Performed	Elemental Impurities Analysis	Instrument	ICP-MS
Sample Prep	HNO ₃ / H ₂ O ₂ matrix	Calibration	Multi-element standard curve
Internal Std	Sc, Ge, In, Bi	Material Type	Raw Material (Research Use)

ELEMENTAL IMPURITIES RESULTS

Element	Result (ppm)	Acceptance Limit (ppm)	Status
Pb Lead	< 0.5	≤ 10	PASS
As Arsenic	< 0.15	≤ 1.5	PASS
Cd Cadmium	< 0.05	≤ 0.5	PASS
Hg Mercury	< 0.3	≤ 3	PASS

METHOD SUITABILITY (SPIKE RECOVERY)

Element	Spike Level	Recovery	Criteria
Pb Lead	5 ppm	98%	70–150%
As Arsenic	0.75 ppm	102%	70–150%
Cd Cadmium	0.25 ppm	95%	70–150%
Hg Mercury	1.5 ppm	91%	70–150%

Spike recovery confirms method suitability for the sample matrix.

INTERPRETATION

Elemental impurities were determined using ICP-MS with EPA-referenced analytical methods. All tested elements (Pb, As, Cd, Hg) are below the stated acceptance limits. Spike recovery values fall within acceptable ranges, confirming method suitability. The sample meets the stated acceptance criteria for elemental impurities.

QUALITY CONTROL

Method Blank: Pass CCV: Pass Duplicate RPD: < 20%

AUTHORIZATION

REVIEWED BY

Lemar Arghandiwal
Lab Director



CLIENT & SAMPLE INFORMATION

Client	Elutide LLC	Analysis Date	07/14/2026
Product Name	SS-31	Strength	10 mg
Lot / Batch	ELU202607-SS10	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 (%)	3.2%
Spike CV (%)	2.9%
Spike Recovery (%)	91%
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

