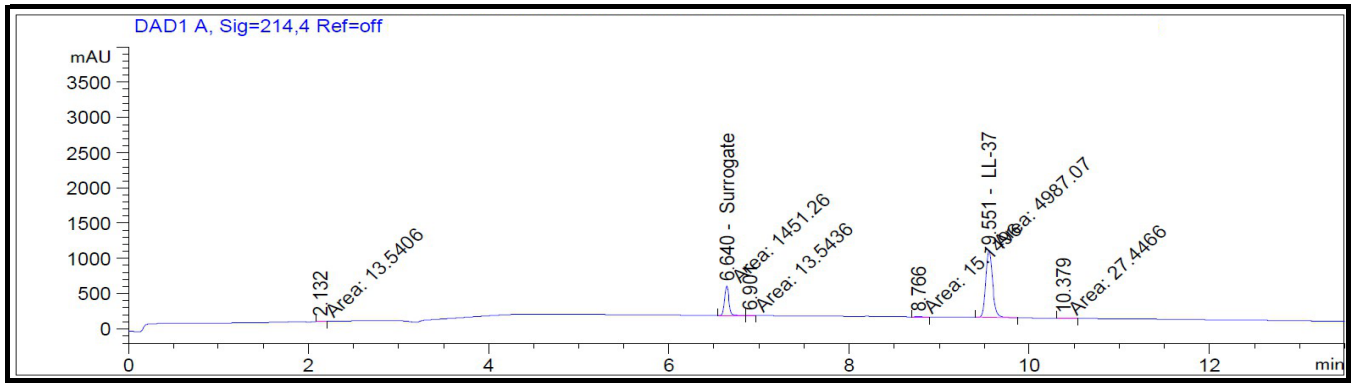
Vanguard Laboratory
2635 Parkmont Ln
Olympia, Wa 98502
360-967-7010

Certificate of Analysis

LL-37 5 mg

Report To:
BH Lab
1445 E Madison St
Brownsville, TX 78520
949-781-1536

Compound: LL-37
Amount: 5 mg
Laboratory ID: V260119-8 005
Date Reported: 2/4/2026
Lot Number: 1669



Analysis	Method	Result
Chromatographic Purity	HPLC-UV/VIS	99.47% + 0.18%
Assay	HPLC-UV/VIS	5.52 mg

ISO 17025:2017 ACCREDITED LABORATORY

Report By: Dustin Newman, Laboratory Director on 2/4/2026

Approved By: Tori Johnson, Operations Manager on 2/4/2026

Please consult A2LA Certificate #6377.01.01 for a list of accredited tests. Samples were received in acceptable condition. The result(s) in this report relate only to the portion of the sample(s) tested. All analyses were performed consistent with the Vanguard Laboratory Quality Management System. Vanguard Laboratory and its staff did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch.

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Analyte	Method	LOQ (ppm)	Result (ppm)
Chromium (Cr)	ICP-MS	0.025	ND
Arsenic (As)	ICP-MS	0.01	ND
Cadmium (Cd)	ICP-MS	0.01	ND
Lead (Pb)	ICP-MS	0.01	ND
Mercury (Hg)	ICP-MS	0.005	ND

Run ID: 260120

Analysis	Method	Result
Endotoxins	LAL	<5.00 EU/mg
Sterility	USP <71>	PASS - No microorganisms present in sample tested.

*Pass/Fail criteria based on the USP/FDA threshold of 5 EU/kg (350 EU total for a 70 kg adult)

Report By: Dustin Newman, Laboratory Director on 2/4/2026

Approved By: Tori Johnson, Operations Manager on 2/4/2026

ND: Non-Detect
LOD: Limit of Quantification

ISO 17025:2017 ACCREDITED LABORATORY

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LABORATORY REPORT

BH LAb
1445 E Madison St
Brownsville, TX 78520

Phone: 949-781-1536

Account #: E74035
Sample Name: LL-37
Lot #: 1669
Storage Conditions: Room Temperature

Date Received: 1/16/2026

Submission #: ETX-260115-0737

Microbiology Tests:

ScanRDI Sterility Test Date Started: 1/19/2026 Date Completed: 1/21/2026

Method Suitability: No Method Suitability on file

Result: Pass

Respectfully submitted,

EAGLE ANALYTICAL SERVICES INC.

Alison Eng, Quality Control Manager

Results apply only to the tested sample(s) as received.