

ILS Laboratories

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(619) 329-3999 | ils-lab.com

LL-37 - 5mg

Tested for: Humatide LLC
humatide.com

COA #: COA-2026-2RTXV7
Lot Number: H05LL37060126
Accession #: ACC-2026-5405
Labeled Content: 5mg

Analysis Date: 06/28/2026
Appearance: Good
Sample Matrix: Lyophilized
Vial Size: 3mL
Date Received: 06/17/2026

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: 44P5PDKN

Method: Purity & Quant (HPLC)

Identity	Peptide Purity	Fentanyl Free
LL-37	99.48%	

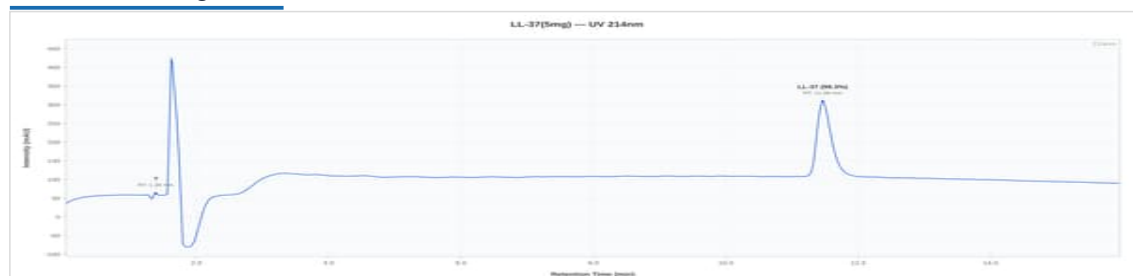
Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.48%	%	PASS
Net Peptide Content	Report Only	5.32	mg	N/A
Identity (HPLC-RTM)	LL-37	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS



LL-37 5mg - H05LL37060126

HPLC Chromatogram



Representative chromatogram, Dedicated V0 (99.29% purity, closest to batch mean of 99.39%)

HPLC Conformity Testing Results (2 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.29%	5.25 mg	Confirmed	PASS
Conformity V1	99.48%	5.32 mg	Confirmed	PASS
Mean	99.39%	5.29 mg	—	—
Std Dev	0.0950%	0.0350 mg	—	—

Notes & Methodology

- Date Tested: 06/28/2026. Methods: Purity & Quant (HPLC).
- The sample was confirmed to be LL-37 by HPLC. Identification by chromatographic retention time comparison with a reference standard.
- Peptide purity determined by RP-HPLC area normalization at 214 nm. Value represents the percentage of the target peptide relative to all peptide-related peaks. Non-peptide process-related impurities, if detected, are excluded from the calculation.
- Chromatogram shown is representative: Dedicated V0 (99.29% purity, closest to batch mean of 99.39%).



Dr. Greg Kalyuzhny

Dr. Greg Kalyuzhny
Lab Director
6/28/2026

COA #: COA-2026-2RTXV7
Access Code: 44P5PDKN
Verify: portal.ils-lab.com/verify/CfifMc9Fw8HhaS-q
Issued: 6/28/2026