



CERTIFICATE OF ANALYSIS

COA Number: RUO-26-BA001EDC | ORIGINAL - VERSION 1

SAMPLE SUMMARY

ISSUED TO	DECLARED IDENTITY	ISSUE DATE	
Prosper Labs	LL-37	Aug 5, 2026	
RUO SAMPLE ID	DECLARED LOT NUMBER	DECLARED CONTENT	DECLARED FORM
RUO-2026-CDD41A8E-22	LL-5-080326	5 mg / vial	Lyophilized powder

ANALYTICAL COMPOSITION AND IDENTITY

PURITY RESULT		VIAL 1	VIAL 2	AVERAGE	STATUS
PERCENTAGE PURITY		99.95%	99.94%	99.94%	PASS

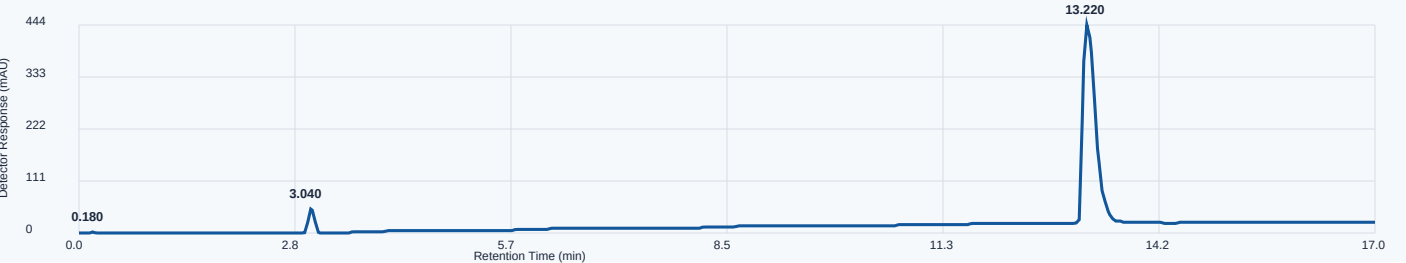
COMPONENT	TARGET	VIAL 1	VIAL 2	AVERAGE	IDENTITY / STATUS
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LL-37	5.00 mg	5.27 mg	5.23 mg	5.25 mg	CONFIRMED / PASS
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COMPREHENSIVE 10-TEST ANALYTICAL PANEL

ANALYSIS	METHOD	REPORTED RESULT	ASSESSMENT
Molecular Identity Confirmation	LC-MS/HRMS	Identity confirmed	PASS
Chromatographic Purity	RP-HPLC-UV/DAD	99.95% / 99.94% (average 99.95%)	PASS
Net Peptide Content	Quantitative assay	5.27 / 5.23 mg (average 5.25 mg)	PASS
Vial-to-Vial Conformity Assessment	Multi-vial quantitative study	2/2 vials within criteria	PASS
Microbial Analysis (PCR)	Validated PCR-based microbial assay	No Detectable Microbial DNA	PASS
Bacterial Endotoxin	LAL - USP <85>	<=0.05 EU/mL	PASS
Heavy Metals	ICP-MS	Below reporting limit	PASS
Residual solvents	Headspace GC	Not detected	PASS
Reconstitution and Clarity	Visual assessment after reconstitution	Clear, colorless; no visible particles	PASS
Fentanyl Screen	Validated targeted LC-MS/MS	Not detected	PASS

RP-HPLC-UV CHROMATOGRAPHIC EVIDENCE



CONTROLLED REPORT STATUS

Evidence-backed panel recorded by RUO Eagle

VERIFY REPORT

Scan to confirm status and issued PDF

