

CERTIFICATE NO.
PL-26-00089
VERIFICATION KEY
MPWAT6GC
Scan or enter both at
prymalab.net/testing/verify

CERTIFICATE OF ANALYSIS · LOT RELEASE · ISSUED FOR PURAVIUM

Selank 11 mg

Lot PL-2609-089 · Lyophilized powder · Label claim 11 mg/vial

TESTED IN-HOUSE BY PRYMALAB

In-house analytical result,
not an independent third-party test

LOT / BATCH NUMBER PL-2609-089	DATE MADE 2026-09-18	DATE OF ANALYSIS 2026-09-19	DATE ISSUED 2026-10-03
RETEST / EXPIRY 2028-09-18	UNITS IN LOT / SAMPLED 250 / 2	STORAGE -20 °C, desiccated, dark	CERTIFICATE TYPE Lot COA, 2 pages

COMPOUND Selank Tuftsin-Pro-Gly-Pro heptapeptide (TKPRPGP)	CAS NUMBER 129954-34-3	MOLECULAR FORMULA C ₃₃ H ₅₇ N ₁₁ O ₉	THEORETICAL MASS (AVG.) 751.9 Da
SEQUENCE H-TKPRPGP-OH (7 residues; free N- and C-termini)			

PURITY · RP-HPLC, AREA %
99.45%
Specification 99.0 % • main peak at 2.48 min

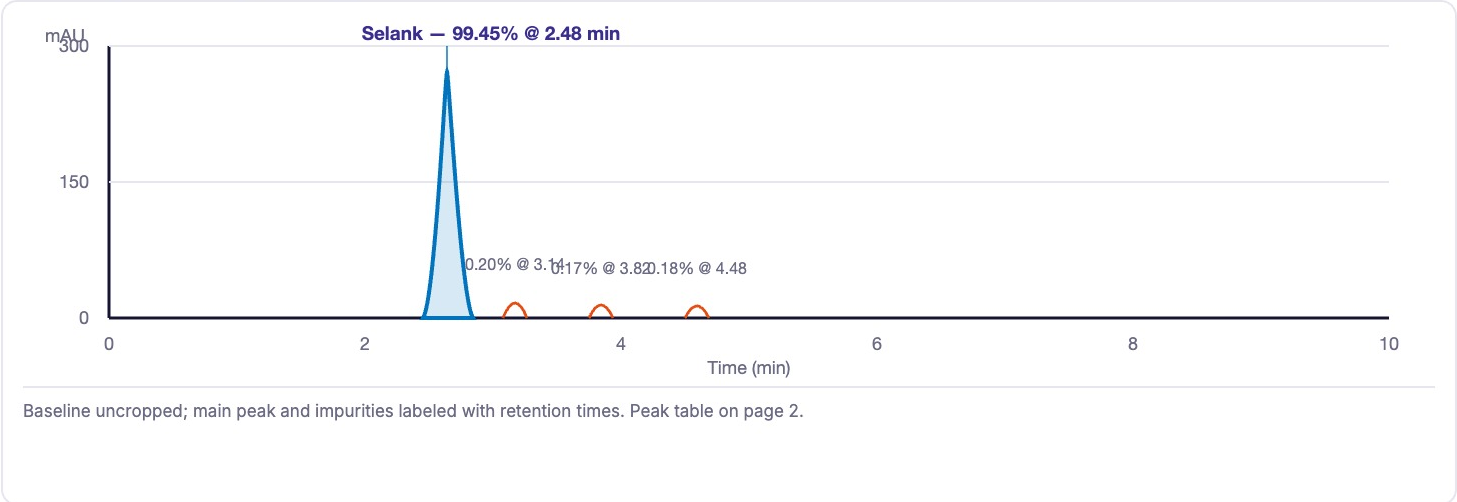
IDENTITY · OBSERVED MASS
752.8 Da
Theoretical 751.9 Da • +0.9 Da (1197 ppm)

OVERALL CONCLUSION
PASS
Meets every specification for the tests performed

TEST	METHOD	SPECIFICATION	RESULT	CONCLUSION
Appearance	Visual inspection	White to off-white lyophilized powder	White lyophilized powder	PASS
Identity (mass)	LC-MS, ESI positive	Theoretical ± 1.0 Da	752.8 Da	PASS
Purity	RP-HPLC, UV 214 nm, area%	99.0%	99.45%	PASS
Largest impurity	RP-HPLC, area%	1.0%	0.20% at 3.14 min	PASS
Water content	Karl Fischer	5.0%	1.7%	PASS
Bacterial endotoxin	LAL, kinetic	≤ 5.0 EU/mg	0.04 EU/mg	PASS
Sterility / bioburden	USP <71>, membrane filtration	No growth after 14 days	No growth; conforms	PASS

1 HPLC CHROMATOGRAM

Data file: PL_PL-2609-089_20260919_01 · Column C18, 150 × 4.6 mm · UV 214 nm



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HPLC METHOD · PL_PL-2609-089_20260919_01

INSTRUMENT	DATA SYSTEM	DETECTOR
Waters Alliance e2695, SN E2695B742	Empower 3, Build 3471	Waters 2998 PDA
DETECTION WAVELENGTH	COLUMN	COLUMN PART / SERIAL
214 nm	C18, 150 × 4.6 mm, 3.5 µm	186003326 / USHX18211
MOBILE PHASE A	MOBILE PHASE B	FLOW RATE
0.1% TFA in water	0.1% TFA in MeCN	1.0 mL/min
COLUMN TEMPERATURE	INJECTION VOLUME	RUN TIME
30 °C	20 µL	10 min
SAMPLE DILUENT	SAMPLE CONCENTRATION	BLANK INJECTED
Water, 0.1% TFA	0.5 mg/mL	Yes
REFERENCE STANDARD		
In-house Selank reference, lot PL-RS-SLK-01, RT 2.46 min		

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GRADIENT PROGRAM

TIME (MIN)	% A	% B
0.0	95	5
3.0	95	5
7.0	55	45
8.0	20	80
9.0	20	80
10.0	95	5

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PEAK TABLE

PEAK	RT (MIN)	AREA	AREA %
1	2.48	4,276,350	99.45
2	3.14	8,600	0.20
3	3.82	7,310	0.17
4	4.48	7,740	0.18
Total		4,300,000	100.00

Threshold 0.05% area · Blank subtracted: Y · Purity = main peak area ÷ total integrated area × 100, to two decimals; main peak shaded.

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IDENTITY BY MASS SPECTROMETRY

INSTRUMENT	IONIZATION / MODE	OBSERVED M/Z (CHARGE)
Waters Acquity SQD	ESI, positive	753.5 (1+ [M+H]) · 775.5 (1+ [M+Na])
DECONVOLUTED MASS	THEORETICAL MASS	DIFFERENCE
752.8 Da	751.9 Da	+0.9 Da (1197 ppm)
DATA FILE	ACCEPTANCE	
PL_PL-2609-089_MS_20260919_01	Within ± 1.0 Da	

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ADDITIONAL TESTS

TEST	PERFORMED BY	DATE	REPORT / FILE
Water content	PrymaLab	2026-09-20	RPT-KF-PL-2609-089
Endotoxin	PrymaLab	2026-09-21	RPT-ET-PL-2609-089
Sterility	PrymaLab	2026-10-02	RPT-ST-PL-2609-089
Peptide content	PrymaLab	2026-09-20	RPT-AA-PL-2609-089

A test with no row here was not performed on this lot. Outside-laboratory reports, when used, are attached and named below.

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REVIEW AND APPROVAL

D. Reynolds	S. Calloway	M. Phelps
Analyst · performed the testing	Reviewer · checked against raw data	Lab Director · approved for release
Date: 2026-09-19	Date: 2026-10-02	Date: 2026-10-03

Raw data retained at: Empower 3 (Build 3471), project PL-2609, archive PL-ARC-2026; 7 years. Outside laboratory reports attached: None

This certificate applies only to the lot named above and describes the units sampled from it; it is not a guarantee for any other lot. Results were obtained by PrymaLab LLC's own laboratory (PrymaLab Analytical) and are not an independent third-party test unless an outside report is attached. This copy is issued for Puravium, a distributor of the lot; the brand shown does not change the laboratory, the method or the results. Reference values (CAS, formula, theoretical mass, sequence) are literature values for the named compound. Authenticity: scan the QR code or enter certificate number PL-26-00089 and key MPWAT6GC at prymalab.net/testing/verify; any copy that does not match the record shown there is not a PrymaLab certificate. PrymaLab LLC products are supplied for laboratory research use only and not for human or veterinary use.