

LL-37 Lyophilized peptide

Method: HPLC-UV-MS

Product name	LL-37	CAS number	597562-32-8
Standard	Enterprise standard	Formula	C205H341N61O52
Production date	2026-08-12	Test date	2026-08-13
Packaging	Vials / box	Retest date	2027-08-13
Quantity	5 mg	Reported purity	99.52%

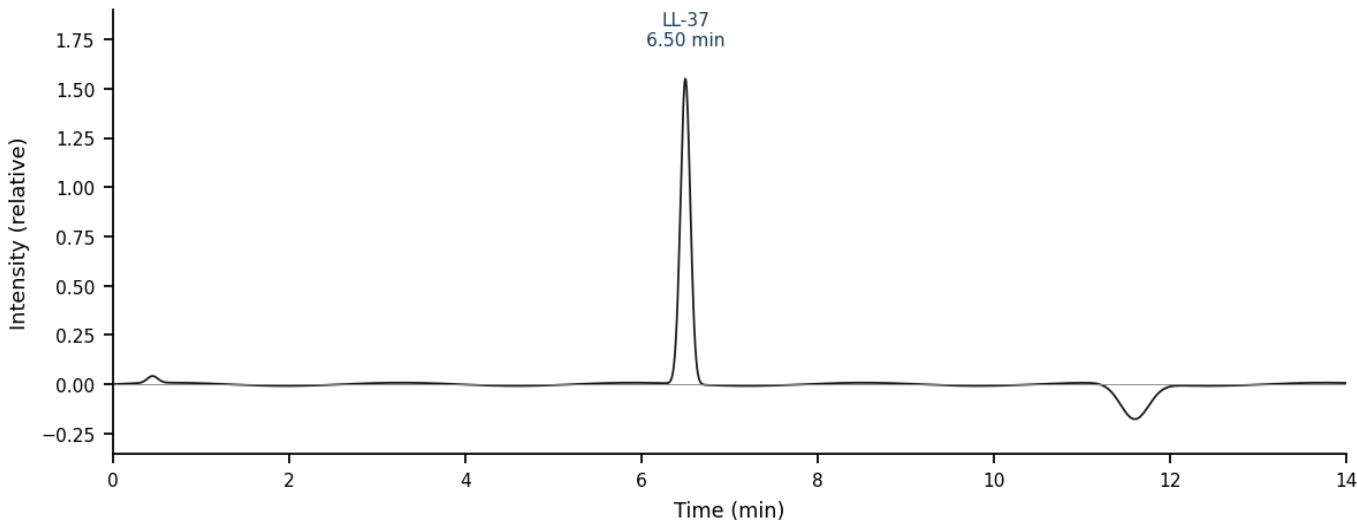
Test results

Test item	Specification	Result
Appearance	White lyophilized powder	White lyophilized powder
Quantity	5 mg	Conform
Purity	> 99%	99.52%
TFA content	≤ 5.0%	Conform
Acetic acid content	≤ 15.0%	10.8%
LPS	≤ 0.05 EU/mg	< 0.02
Heavy metals	≤ 10 ppm (total)	< 2 ppm
Total aerobic count	≤ 100 CFU/g	Conform
Conclusion	Complies with enterprise standard	Complies

For research use only, not for human consumption. Salts and sugars used for solubility or pH are not normally detected by UV and are not treated as impurities.

High performance liquid chromatography (HPLC) — UV purity

Single major peak assigned to LL-37. Trace redrawn from the source chromatogram; file headers omitted.



Reported result

Peak	Time (min)	Assignment	Purity
1	6.50	LL-37	99.52%

Note: Injectable peptides may contain salts and sugars to aid solubility and act as pH buffers.

These are not normally detected using UV and are not considered impurities.

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