

Certificate of Analysis

LL-37 (5 mg)

Batch No:	CS-II5-0310
Sample:	LL375mg
Task Number	#122579
Chemical Name	LL-37
MG:	5mg

Physical & Chemical Properties

Molecular Formula: $C_{207}H_{360}N_{62}O_{55}S_1$

Molecular Weight: ~4493.1 g/mol

Refrigerator storage: Temp: 2–8°C, Typical use: short- to medium-term storage. Est stability: commonly months to 1–2 years if sealed and protected from moisture/light.

Freezer storage: Temp: –20°C preferred. Ultra-low storage: –80°C sometimes used in research settings. Typical use: long-term storage. Estimated stability: often 2+ years when unopened and dry.

Analytical Data

Test Items	Specification
Appearance	White to off-white lyophilized solid powder
Purity (HPLC)	99.85%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only

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